

EXHIBIT C1

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Asset Management Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
David Ross	10/01/19	1.7 At the request of PG&E, began development of a high-level and sprint timeline to demonstrate delivery of different components of the distribution risk model	1.7	\$ 400.00	\$ 680.00
farbod Farzan	10/01/19	(2.0) Reviewed climate change material along with associated spreadsheets provided by D. Pant (PG&E) as precursor to using data	2.0	\$ 325.00	\$ 650.00
Fran Shammo	10/01/19	2.0 Review of PPSOT-PLAN for information to drive discussion on ETPM/SSPM/EDPM Distribution preventative maintenance program - inspection.	2.0	\$ 275.00	\$ 550.00
Marcus Xu	10/01/19	(2.0) Drafted the vegetation FE section of the Distribution (Dx) Model documentation	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/01/19	(2.0) Modified the DE impact score calculation section of the Dx Model Documentation	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/01/19	(2.0) Reviewed the calculation of the asset condition modifier of the Dx Model documentation	2.0	\$ 325.00	\$ 650.00
Dennis Cha	10/01/19	2.1 Revised the preliminary draft WSIP WR&M 2020 work plan analysis memorandum based on comments from M. Bowser (KPMG to send to S. Stoddard (KPMG - engagement director) for review.	2.1	\$ 275.00	\$ 577.50
David Ross	10/01/19	2.1 Manager review of distribution risk model documentation for updated algorithms and methodology prior to sending to PG&E	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/01/19	Attend afternoon session and recap of 2020 Inspections planning program led by R. Movafagh (PG&E). Focus on Distribution inspections questionnaire progress.	2.1	\$ 400.00	\$ 840.00
Gaurav Thapan-Raina	10/01/19	(1.0) Met with M. Broida, L. Cai (KPMG) to discuss the most recent feedback on the Tree Assessment Tool (TAT) whitepaper and a further round of revisions/additions to the paper that would need to be made. (0.8) Met with J. Vos (PG&E), A.Franke, R. Saboo (KPMG) to review tree JPEG imagery samples collected as part of the Light Detection and Ranging (LIDAR) data. (0.5) Meeting with M. Broida (KPMG) to discuss talking points for the Wednesday weekly update meeting with D. Kida (PG&E) and K. Loomis (PG&E).	2.3	\$ 400.00	\$ 920.00
Matthew Bowser	10/01/19	Working session with J. Birch (PG&E) to review requirements of GOV 1038 standard and applicable portions of scope for 2020 inspections program	2.3	\$ 400.00	\$ 920.00
Will Brennan	10/01/19	(2.6) Revised approach and matched DE GNTs and distribution outages under new methodology to be overly inclusive for DE bowtie;	2.6	\$ 325.00	\$ 845.00
Jon Guth	10/01/19	(2.8) Updating our team's daily work plan with status updates, plugging in target dates and shifting others based on latest information from the client and our team, adding additional tasks and sub-tasks.	2.8	\$ 400.00	\$ 1,120.00
farbod Farzan	10/01/19	(3.0) Continuation, from earlier on 10/1, on working on transmission outage dataset (frequency and probability analysis of drivers and subdrivers)	3.0	\$ 325.00	\$ 975.00

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Name	Date	Description	Hours	Rate	Amount
Brian Wei	10/01/19	(3.1) Continued from earlier in the day to document the probability calculation, assumptions and sources for DE impact model.	3.1	\$ 275.00	\$ 852.50
Matthew Bowser	10/01/19	Attend morning session of 2020 Inspections Planning workshop led by R. Movafagh (PG&E).	3.1	\$ 400.00	\$ 1,240.00
Trent Anderson	10/01/19	3.1 Continued building transition planning deck including detail into the background, challenges, and roadmap for identifying where Pole Integrity is currently at and where it plans to head in 2020 /	3.1	\$ 275.00	\$ 852.50
Eric Janes	10/01/19	(3.4) Analyze / map data engineering for distribution risk model Protection Zone	3.4	\$ 400.00	\$ 1,360.00
Trent Anderson	10/01/19	3.4 Performed Pole Integrity Analysis for the latest batch of Osmose data after performing a quality review on the information provided and compiled this dataset into the model to obtain new prioritization levels for 1,347 L1 and L2, and 4,386 L3 poles and provided update on these to the ECOP program	3.4	\$ 275.00	\$ 935.00
Will Brennan	10/01/19	(3.4) Continued, as of 10/1, analysis of DE GNT and distribution outage data to map both datasets together for DE bowtie.	3.4	\$ 325.00	\$ 1,105.00
Eric Janes	10/01/19	(3.6) Analyze / map data engineering for distribution risk model Egress	3.6	\$ 400.00	\$ 1,440.00
Drew Esler	10/01/19	(3.6) Began converting module 5 over to Python code from Alteryx in an agile coding format.	3.6	\$ 325.00	\$ 1,170.00
Drew Esler	10/01/19	(3.9) Conducted research / training on Object Oriented Programming at the request of the client as client feedback was that this programming is best suited for the client going forward	3.9	\$ 325.00	\$ 1,267.50
Brian Wei	10/01/19	(3.9) Documented the probability calculation, assumptions, sources for DE impact model	3.9	\$ 275.00	\$ 1,072.50
Dennis Cha	10/01/19	3.9 Finalized the preliminary draft WSIP WR&M 2020 work plan analysis memorandum that describes data source, transforming/processing, default values used for data quality, prioritization methodology.	3.9	\$ 275.00	\$ 1,072.50
Matt Broida	10/01/19	(1.0) Meeting regarding TAT status and support of field testing: G. Thapan-Raina, L. Cai (KPMG) as of 10/1; (0.5) Review / finalization of materials for 10/02 PG&E vegetation update meeting: J. White and G. Thapan-Raina; (0.5) Discussion with D. Kida (PG&E) on field testing and follow-up with J. Reimer (Cal Poly); (0.3) Update to M. Esguerra (PG&E) on TAT progress; (0.3) Review of S. Saboo (KPMG) recap of vegetation data meeting with J. Vos (PG&E); (0.3) Discussion with G. Thapan-Raina (KPMG) on next steps given LIDAR data availability; (0.3) Review of TAT super users provided by K. Loomis (PG&E); (0.5) Review of document Copy of TAT-Testing Sample with Lat Long_CUF version.xlsx and analysis request from K. Loomis (PG&E) to support TAT vs. HTRS field testing; (1.6) Review of PG&E TAT white paper revisions and corrections	5.5	\$ 435.00	\$ 2,392.50

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Gaurav Thapan-Raina	10/01/19	(3.8) Continued, as of 10/1, revising sections of the TAT whitepaper, providing details on analyses performed, reviewing descriptions of the sections of the TAT and checking the accuracy of references provided in the document. (2.0) Per the request of K. Loomis (PG&E) re-sampled field testing data for trees in the North Coast and Central Coast regions, reviewed accuracy of data reported in the original outages dataset, adjusted latitudinal and longitudinal data to standard conventions and formatted the files per the guidelines stipulated by K. Loomis (PG&E).	5.8	\$ 400.00	\$ 2,320.00
Lucy Cai	10/01/19	2.5: Created slides on Tree Assessment Tool (TAT) timeline / scoring methodology 3.4: Revised subject matter expert (SME) confirmation letter after receiving feedback from client legal aid	5.9	\$ 325.00	\$ 1,917.50
Lucy Cai	10/01/19	1.5: Updated weekly budget tracker, as of 10/01, to reflect last week's actual hours and expenses for communication to PG&E	1.5	\$ 325.00	\$ 487.50
Trent Anderson	10/01/19	1.5 Setup Citrix Receiver with TSC Support (PG&E) to enable remote access capabilities by configuring network drives and necessary software to create a virtual desktop on my KPMG hardware /	1.5	\$ 275.00	\$ 412.50
David Ross	10/01/19	1.4 meeting with J. Thalman (PG&E) to discuss PG&E's requested addition to the distribution risk model including population density and change to egress and REAX probabilities.	1.4	\$ 400.00	\$ 560.00
Dennis Cha	10/01/19	1.4 Revised the preliminary draft WSIP WR&M 2020 work plan analysis memorandum based on comments from S. Stoddard (KPMG - engagement director).	1.4	\$ 275.00	\$ 385.00
David Ross	10/01/19	1.3 meeting with J. Thalman (PG&E) to discuss required next steps for development of the distribution risk model, outstanding data requests from PG&E, data engineering requirements	1.3	\$ 400.00	\$ 520.00
Jon Guth	10/01/19	(1.1) Review email communication received regarding PG&E, concurrently respond as needed	1.1	\$ 400.00	\$ 440.00
Scott Stoddard	10/01/19	Attend EDPM / ETPM procedure rewrite working session with S. Stoddard (KPMG) and J. Birch (PG&E) to discuss progress to date and KPMG support coordination.	1.1	\$ 435.00	\$ 478.50
Arun Mani	10/01/19	Meeting with M. Broida (KPMG) on bow-tie development task:	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/01/19	Review PG&E related email /response for current updates in context of lead partner for AMS project	1.0	\$ 500.00	\$ 500.00
farbod Farzan	10/01/19	(1.0) Meeting with B. Wong (PG&E), F. Farzan, W. Brennan (KPMG) regarding risk input sheets and how work output should be at end of project for submission.	1.0	\$ 325.00	\$ 325.00
Jonathan White	10/01/19	(1.0) Managing director review, as of 10/1, of Ignition GIS mapping output	1.0	\$ 475.00	\$ 475.00

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Marcus Xu	10/01/19	(1.0) Documented the assumptions of adding the probability factor including vegetation, internal factor, weather related	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/01/19	(1.0) Documented the steps to use the outage producing wind (OPW) data and how it incorporated into the current model	1.0	\$ 325.00	\$ 325.00
Matthew Bowser	10/01/19	Meeting with S. Stoddard (KPMG) to discuss work plan and resourcing following feedback from J. Birch (PG&E) for PG&E EDPM Procedure Re-write support	1.0	\$ 400.00	\$ 400.00
Trent Anderson	10/01/19	1.0 Developed material to outline PG&E's challenges, solutions, and current status of their Electric Compliance Optimization Program as it pertains to our scope onto a single slide for discussion purposes and scope alignment	1.0	\$ 275.00	\$ 275.00
Will Brennan	10/01/19	(1.0) Meeting with B. Wong (PG&E), F. Farzan (KPMG) and W. Brennan (KPMG) regarding risk input sheets and how work output should be at end of project for submission;	1.0	\$ 325.00	\$ 325.00
Yaz Yuan	10/01/19	(1.0) Meeting with J. Johannson (PG&E), D Ross to communicate background information, timeline, deliverables for PG&E	1.0	\$ 325.00	\$ 325.00
Dennis Cha	10/01/19	0.8 Discussed sourcing and extracting Pronto form data matching for pole replacement only tags in current open tag population with J. Birch (PG&E).	0.8	\$ 275.00	\$ 220.00
farbod Farzan	10/01/19	(0.8) Meeting with M. Sayers (PG&E) in order to cross-check existence of transformer FE events in outage dataset.	0.8	\$ 325.00	\$ 260.00
Jon Guth	10/01/19	(.8) Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas and A. Irwin.	0.8	\$ 400.00	\$ 320.00
farbod Farzan	10/01/19	(0.7) Meeting with H. Mejjaty (PG&E), D. Pant (PG&E), F. Farzan (KPMG), and W. Brennan (KPMG) about Transmission Overhead tranching approach.	0.7	\$ 325.00	\$ 227.50
Matt Broida	10/01/19	(0.7) Revised the AMS reporting spreadsheet as a result of team composition changes	0.7	\$ 435.00	\$ 304.50
Will Brennan	10/01/19	(0.7) Meeting with H. Mejjaty (PG&E), D. Pant (PG&E), F. Farzan (KPMG) about Transmission Overhead tranching approach;	0.7	\$ 325.00	\$ 227.50
David Ross	10/01/19	.6 call with E. Janes, J. Guth, D. Esler, M. Xu (KPMG) to coordinate regarding integration between model development, python coding and software hosting application for the distribution risk model	0.6	\$ 400.00	\$ 240.00
David Ross	10/01/19	0.6 Meeting with A. Irwin, J. Guth, T. Abbas to analyze existing user interface for distribution risk model in order to determine increased functionality required by PG&E	0.6	\$ 400.00	\$ 240.00
Dennis Cha	10/01/19	0.6 Per request from J. Birch (PG&E), reviewed Pole Integrity Assessment model output in relations to filtering for and analyzing the pole replacement tags that are lower priority for execution.	0.6	\$ 275.00	\$ 165.00

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Jon Guth	10/01/19	(.6) Connecting with T. Abbas (KPMG) regarding the Work Plan and technical requirements gathering and who the main points of contact should be within the KPMG team	0.6	\$ 400.00	\$ 240.00
Arun Mani	10/01/19	Call with J. Mahoney (KPMG) regarding Python / statistical resources for AMS	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/01/19	Call with J. Teinert regarding engagement risk management matters	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/01/19	Met with J. White, G. Armstrong, J. Gonzalez (KPMG) to discuss updated client needs for statistical skills. Discussed risk areas including user acceptance testing.	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/01/19	Conference call with D. Pant and H. Mejjaty (PG&E) to discuss bow-tie development	0.5	\$ 500.00	\$ 250.00
Brian Wei	10/01/19	(0.5) Uploaded asset / outage data, as of 10/1, to FTP site	0.5	\$ 275.00	\$ 137.50
Brian Wei	10/01/19	(0.5) Meeting attended by A. Irwin, M. Xu, A. Esler, T. Abbas, J. Guth, D. Ross (KPMG) to discuss current working items and dependencies between work streams as of 10/1	0.5	\$ 275.00	\$ 137.50
David Ross	10/01/19	.5 call with J. White, J. Mahoney, M. Suga, Y. Yuan (KPMG) to discuss current distribution risk model methodologies in order to determine upcoming needs to address the updates requested by PG&E.	0.5	\$ 400.00	\$ 200.00
Drew Esler	10/01/19	(0.5) meeting with A. Irwin, M. Xu, T. Abbas, J. Guth, D. Ross (KPMG) to discuss current working items and dependencies between work streams	0.5	\$ 325.00	\$ 162.50
Eric Janes	10/01/19	(0.5) meeting attended by A. Irwin, M. Xu, A. Esler, T. Abbas, J. Guth, D. Ross (KPMG) to discuss current working items and dependencies between work streams;	0.5	\$ 400.00	\$ 200.00
farbod Farzan	10/01/19	(0.5) Meeting with D. Pant (PG&E), F. Farzan, W. Brennan (KPMG) regarding transmission overhead and GNTs matching process.	0.5	\$ 325.00	\$ 162.50
Jeff Mahoney	10/01/19	(0.5) Meeting with J. White, M. Suga, Y. Yazhu, D. Ross (KPMG) to begin onboarding of new team members;	0.5	\$ 435.00	\$ 217.50
Jon Guth	10/01/19	(.5) Existing user interface (UI) Walk Through for PG&E Model to gain insight regarding the current user interface functionality and it's requirements for the API we need to build to support it. D. Ross, A. Irwin, T. Abbas, J. Guth	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/01/19	(0.5) meeting attended by M. Xu, A. Esler, T. Abbas, D. Ross, A. Irwin (KPMG) to discuss current working items and dependencies between work streams and review Action items coming out of the meeting	0.5	\$ 400.00	\$ 200.00
Juan Gonzalez III	10/01/19	Met with J. White, G. Armstrong, A. Mani (KPMG) to discuss updated client needs for statistical skills. Discussed risk areas including user acceptance testing.	0.5	\$ 500.00	\$ 250.00
Tanveer Abbas	10/01/19	(.5) Communication with A. Irwin (KPMG) to discuss progress, plans for upcoming activity, any roadblocks.	0.5	\$ 325.00	\$ 162.50

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Tanveer Abbas	10/01/19	(0.5) Existing UI Walk Through for PG&E Model - Meeting attended by A. Irwin, T. Abbas, J. Guth, D. Ross (KPMG) to discuss current working UI at PG&E.	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/01/19	(0.5) Meeting attended by A. Irwin, M. Xu, A. Esler, J. Guth, D. Ross (KPMG) to discuss current working items and dependencies between work streams	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/01/19	(0.5) Meeting with D. Pant (PG&E), F. Farzan (KPMG) regarding transmission overhead and GNTs matching process;	0.5	\$ 325.00	\$ 162.50
David Ross	10/01/19	.4 At the request of PG&E, compiled KPMG team resumes for new data scientists and python developers	0.4	\$ 400.00	\$ 160.00
David Ross	10/01/19	.4 discussion with M. Xu, B. Wei (KPMG) to refine the methodology for the vegetation modifier of the distribution risk model	0.4	\$ 400.00	\$ 160.00
David Ross	10/01/19	.4 Manager analysis / updates to budget / work plan to ensure successful and on-time delivery of scope of work	0.4	\$ 400.00	\$ 160.00
David Ross	10/01/19	.3 Communication with J. Mahoney on data engineering requirements for distribution risk model	0.3	\$ 400.00	\$ 120.00
David Ross	10/01/19	0.3 call with E. Janes (KPMG) to discuss data engineering requirements to pull data from PG&E's data lake;	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/01/19	(0.3) Meeting with D. Esler, E. Janes (KPMG) to discuss progress on python scripting and data engineering	0.3	\$ 400.00	\$ 120.00
Adrian Irwin	10/02/19	(0.5) Workstream Call (10/2) to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas (KPMG)	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/02/19	(2.0) Began initial draft of the technical architecture diagram - laying out basic connections.	2.0	\$ 325.00	\$ 650.00
Adrian Irwin	10/02/19	(3.4) Research into available AWS technologies (incl. RedShift for the data lake) that may be a good fit for PG&E solution.	3.4	\$ 325.00	\$ 1,105.00
Adrian Irwin	10/02/19	(2.1) Perform research regarding ArcGIS server API focusing on possible solution for PG&E needs	2.1	\$ 325.00	\$ 682.50
Arun Mani	10/02/19	(0.5) Meeting with D. Ross, A. Mani, J. Mahoney (KPMG) to discuss coding standards to be utilized in model development;	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/02/19	Call with W. Brennan, J. White (KPMG) regarding DER Bow Tie	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/02/19	Meeting with J. White to discuss engagement management, resourcing, and oversight matters	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/02/19	(d) Communicate via email with D. Ross, J. Mahoney, and J. White regarding AMS project activities as of 10/2	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/02/19	(e) Follow-up from call with D. Pant and H. Mejjaty (PG&E) in reviewing various bow ties developed by W. Brennan and F. Farzan (KPMG).	1.0	\$ 500.00	\$ 500.00

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Daniel Elmlblad	10/02/19	0.5 - Participate in meeting with D. Ross, D. Elmlblad, T. Littman, M. Xu (KPMG) to discuss potential questions of the Federal Monitor meeting models; 0.8 - Participate in meeting with J. White, D. Ross, D. Elmlblad, T. Littman, M. Xu (KPMG) E. Hass, E. Hillenbrand (Federal Monitor) to discuss model output and Alteryx workflow screenshots at the request of Federal Monitor; 0.2 - Discussion with M. Xu (KPMG) via phone on how to develop response for requested data from Federal Monitor team;	1.5	\$ 400.00	\$ 600.00
David Ross	10/02/19	.3 call with D. Pant (PG&E) to discuss probability of GNT factor given GNT data provided by PG&E	0.3	\$ 400.00	\$ 120.00
David Ross	10/02/19	.3 call with E. Janes (KPMG) to discuss sprint timeline for python coding development and how the object oriented code would be broken out in each compartment of code	0.3	\$ 400.00	\$ 120.00
David Ross	10/02/19	.4 analyze python coding development compartments in order to determine which data engineering components can be done by PG&E vs. KPMG	0.4	\$ 400.00	\$ 160.00
David Ross	10/02/19	.5 call with M. Xu, D. Elmlblad, T. Littman (KPMG) to prepare for meeting with the PG&E federal monitor and respond to questions raised by the federal monitor	0.5	\$ 400.00	\$ 200.00
David Ross	10/02/19	.6 call with PG&E federal monitor team to discuss federal monitor questions on transmission and distribution prioritization models, including E. Hillenbrand (Kirkland), T. Littman (KPMG), M. Xu (KPMG), S. Sheno (Kirkland), J. White (KPMG), B. Ridley (PG&E), S. Morris (PG&E), N. Haas (Kirkland), D. Elmlblad (KPMG)	0.6	\$ 400.00	\$ 240.00
David Ross	10/02/19	.7 Call with J. White (KPMG) to discuss questions raised by PG&E enterprise risk team regarding python coding standards and regression methodology	0.7	\$ 400.00	\$ 280.00
David Ross	10/02/19	1.2 discussion with J. Thalman (PG&E) regarding python coding standards requested by PG&E's enterprise risk team in order to determined proper object oriented coding standards	1.2	\$ 400.00	\$ 480.00
David Ross	10/02/19	1.9 Manager review of updates to distribution risk model methodologies along with each model component's algorithms	1.9	\$ 400.00	\$ 760.00
David Ross	10/02/19	2.1 Working session with M. Xu and M. Suga (KPMG) to validate and update methodologies underlying probability of FE calculation in distribution risk model	2.1	\$ 400.00	\$ 840.00
Dennis Cha	10/02/19	0.5 Drafted a huddle board template for 2020 inspection planning workshop.	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/02/19	1.0 Reviewed Pole Integrity Assessment 2019 lessons learned and future state framework slides 1-9 between D. Cha (KPMG – data analytics support) and T. Anderson (KPMG – Pole Integrity Assessment PMO support).	1.0	\$ 275.00	\$ 275.00

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Dennis Cha	10/02/19	1.4 Revised the preliminary draft WSIP WR&M 2020 work plan analysis memorandum based on additional comments from M. Bowser (KPMG -engagement management & coordination) and S. Stoddard (KPMG - engagement director) to send to R. Tucker (KPMG - engagement partner) for review.	1.4	\$ 275.00	\$ 385.00
Dennis Cha	10/02/19	1.5 Performed analysis on current tags with open REVW status to evaluate proper batch update has been taken in place and provide status on the tag review to J.C. Mathieson (PG&E).	1.5	\$ 275.00	\$ 412.50
Dennis Cha	10/02/19	2.1 Reviewed Pole Integrity Assessment program 2019 lessons learned and future state framework slides 1-9 on data and metrics shown, the context of the program within DAMS and EC Optimization Program, and overall message.	2.1	\$ 275.00	\$ 577.50
Dennis Cha	10/02/19	3.9 Per request from J. Birch (PG&E), performed data analysis on pole replacement tags, joining and filtering Pronto data, WWE data with secondary FDA, and PTT test score, to identify tags that have pole related FDAs only.	3.9	\$ 275.00	\$ 1,072.50
Drew Esler	10/02/19	(0.3) Python programming meeting with Y. Yuan, M. Suga, E. Janes (KPMG) to highlight coding standards, object oriented programming, Module 5 development planning	0.3	\$ 325.00	\$ 97.50
Drew Esler	10/02/19	Completed coding in Module 1 in python from Alteryx workflow.	1.6	\$ 325.00	\$ 520.00
Drew Esler	10/02/19	(3.0) Began updating the code for module 1 to Object Oriented Programming at the request of the client	3.0	\$ 325.00	\$ 975.00
Drew Esler	10/02/19	Performed coding in Module 1 in python from Alteryx workflow.	3.1	\$ 325.00	\$ 1,007.50
Eric Janes	10/02/19	(0.3) Python programming meeting with A. Esler, Y. Yuan, M. Suga (KPMG) to highlight coding standards, object oriented programming, Module 5 development planning	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/02/19	(2.0) At the request of PG&E to meet their coding standards, performed research on Object Oriented Programming, Flake8 and PEP8	2.0	\$ 400.00	\$ 800.00
Eric Janes	10/02/19	(2.0) Mapped distribution risk model Module 5 for python planning	2.0	\$ 400.00	\$ 800.00
farbod Farzan	10/02/19	(0.5) Call with M. Broida (KPMG) to discuss general bowtie problems and concerns.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/02/19	(0.5) Afternoon meeting, 10/2 with D. Pant (PG&E), W. Brennan (KPMG) to discuss bowtie progress and issues.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/02/19	(0.5) Morning meeting , 10/2, with D. Pant (PG&E), W. Brennan (KPMG) to discuss bowtie progress and issues.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/02/19	(2.0) Investigating, concurrently calculating customer minutes outages for specific event as requested by D. Pant (PG&E)	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
farbod Farzan	10/02/19	(2.1) Conducting analysis on tranching transmission overhead outage data according to conductor types.	2.1	\$ 325.00	\$ 682.50
farbod Farzan	10/02/19	(2.5) Investigating the methodology to incorporate historical maintenance tags in the equipment FE driver of transmission overhead bowtie.	2.5	\$ 325.00	\$ 812.50
Fran Shammo	10/02/19	0.5 Prepare draft whiteboard diagrams with J. Birch (PG&E) of focus points for ETPM/SSPM/EDPM - Electric System Inspection and Maintenance requirements and plan (2020 and beyond, SRCC - San Ramon Conference Center;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/02/19	0.5 Meeting to regroup with J. Birch (PG&E) and gather information he collected from the substation (SSPM) team;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/02/19	0.5 Align information collected from meeting with J. Birch (PG&E) in order to determine where each team stands in reference to milestones for the Electric System Inspection and Maintenance requirements and plan (2020 and beyond);	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/02/19	1.0 Attended Transmission (ETPM) group meeting lead by M. Verzano (PG&E) to review and assess where the team stood in planning stages for the Electric System Inspection and Maintenance requirements and plan (2020 and beyond);	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/02/19	1.0 Consolidating findings from prior group meetings to determine team alignment with current GOV-1038S requirement section 3.3;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/02/19	1.5 Attended Distribution (EDPM) group meeting lead by Heather Duncan (PG&E) to review and assess where the team stood in planning stages for the Electric System Inspection and Maintenance requirements and plan (2020 and beyond);	1.5	\$ 275.00	\$ 412.50
Fran Shammo	10/02/19	2.0 PG&E meeting regarding Electric System Inspection and Maintenance requirements and plan (2020 and beyond, SRCC - San Ramon Conference Center- PG&E)	2.0	\$ 275.00	\$ 550.00
Fran Shammo	10/02/19	3.0 Development a draft of a Electric System Inspection and Maintenance requirements Dashboard to better allow J. Birch to visually track the milestone of each team (ETPM/SSPM/EDPM).	3.0	\$ 275.00	\$ 825.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	10/02/19	(1.0) Meeting with K. Loomis (PG&E), D. Kida (PG&E), J. White (KPMG), M. Broida, L. Cai (KPMG) on latest developments, as of 10/2, regarding the close-out of the Tree Assessment Tool (TAT). The meeting discussed status on external subject matter expert sign off on confirmation letters providing their feedback on the TAT revision process, an update on the digitalization of the tool and possible roadblocks, an update on the vegetation prioritization work and field testing training preparation. (1.5) Facilitated training session with the PG&E team for field inspectors. The meeting was attended by K. Loomis (PG&E), D. Kida (PG&E), J. Brody (PG&E), D. Newfield (PG&E), B. Campbell (PG&E), E. Austin (PG&E), M. Broida (KPMG) and L. Cai (KPMG). The meeting focused on reviewing the TAT training guide and preparing the field inspectors to use the tool effectively on the trees to be assessed and answering specific questions on various tree assessment criteria included in the tool.	2.5	\$ 400.00	\$ 1,000.00
Gaurav Thapan-Raina	10/02/19	(3.4) Analyzed 2018 Light Detection and Ranging (LIDAR) data provided by PG&E analytics team to determine gaps and requirements in order to conduct mapping with Geographical Information System (GIS) data collected for each tree in the vegetation management database (used the Python program to generate maps/images of the data in order to determine how the data could be potentially used to build individual tree image profiles that would feed into a pipeline to train the proposed vegetation prioritization algorithm). (2.0) Continued, as of 10/2, with another round of changes to the Tree Assessment Tool (TAT) whitepaper, documenting in detail all our findings and approach to including the analytics performed in the previous phase of the project into the revised TAT, describing the datasets received and the key modifications by TAT tool section.	5.4	\$ 400.00	\$ 2,160.00
Jeff Mahoney	10/02/19	(0.5) Meeting with D. Ross, A. Mani, J. White (KPMG) to discuss coding standards to be utilized in model development;	0.5	\$ 435.00	\$ 217.50
Jon Guth	10/02/19	(.4) Perform manager review new model data files uploaded to PG&E SFTP site	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/02/19	(.5) Update Hosting application work plan tasks with current status as of 10/2	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/02/19	(.5) Workstream Call (10/2) for each team member to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A. Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00

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Jon Guth	10/02/19	(1.1) Access, review, add content to Wiki collaboration space concurrently reviewing technical knowledge base content added by A. Irwin for accuracy and detail.	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/02/19	(1.2) Review PG&E Coding Standards to identify any impacts to the hosting application development	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/02/19	(1.6) Review Level 1 Architecture diagram updated by A. Irwin and the accompanying explanatory notes and questions	1.6	\$ 400.00	\$ 640.00
Jonathan White	10/02/19	(0.8) Call with W. Brennan (KPMG) to discuss DE bowtie methodology approach and concerns	0.8	\$ 475.00	\$ 380.00
Jonathan White	10/02/19	(1.0) Managing director review of Tree Assessment Tool (TAT) testing results as of 10/2	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/02/19	(1.0) Call with D. Pant (PG&E) on bowtie approach and data quality;	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/02/19	(1.0) Federal monitor follow up questions discussion D. Elmlblad, T. Littman, M. Xu, D. Ross (KPMG) and E. Hillenbrand, N. Haas (Kirkland), Gary from Filsingerenergy	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/02/19	(1.0) Tree assessment tool discussion with D. Kida, K. Loomis (PG&E) and M. Broida, G. Thapan-Raina (KPMG)	1.0	\$ 475.00	\$ 475.00
Lucy Cai	10/02/19	2.1: Applied legal aid input to second subject matter expert (SME) letter 1.0: provided support to PG&E lead field testing training 3.4: Incorporated revisions into Tree Assessment Tool whitepaper including the inclusion of exhibits and appendix	6.5	\$ 325.00	\$ 2,112.50
Marcus Xu	10/02/19	(0.3) Python programming meeting with A. Esler, Y. Yuan, M. Suga, E. Janes (KPMG) to highlight coding standards, object oriented programming, Module 5 development planning	0.3	\$ 325.00	\$ 97.50
Marcus Xu	10/02/19	(0.5) Participate in meeting with D. Ross, D. Elmlblad, T. Littman (KPMG) to discuss potential questions of the Federal Monitor meeting	0.5	\$ 325.00	\$ 162.50
Marcus Xu	10/02/19	(0.8) Participate in meeting with J. White, D. Ross, D. Elmlblad, T. Littman(KPMG) E. Hass, E. Hillenbrand (Federal Monitor) to discuss model output and Alteryx workflow screenshots at the request of Federal Monitor	0.8	\$ 325.00	\$ 260.00
Marcus Xu	10/02/19	(1.7) Reviewed the current model methodology documentation with M. Suga (KPMG)	1.7	\$ 325.00	\$ 552.50
Marcus Xu	10/02/19	(2.0) Continue to perform revisions to the current model methodology documentation	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/02/19	(2.0) Discussed the regression approach and methods to transform model output to probability with M. Suga (KPMG)	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/02/19	(2.0) Performed outage data analysis (output used in the model documentation), concurrently re-evaluated outage data filters	2.0	\$ 325.00	\$ 650.00
Matt Broida	10/02/19	(0.5) Bowtie workstream review with W. Brennen, F. Farbod (KPMG);	0.5	\$ 435.00	\$ 217.50

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Matt Broida	10/02/19	(1.0) Draft correspondence to M. Garbelotto (UC Berkley) on SME sign-off letter; (1.0) Attended Tree Assessment Tool (TAT) Check-in at PG&E request to plan TAT testing, discuss white paper, VP model and roadblocks: D. Kida, K. Loomis (PG&E), J. White, G. Thapan-Raina (KPMG); (1.5) Attended Tree Assessment Tool pilot training at PG&E request to help coordinate Field Testing: D. Kida, K. Loomis, 3 PG&E field inspectors names not recorded (PG&E), G. Thapan-Raina, L. Cai (KPMG); (0.2) Follow-up with M. Guerra (PG&E) on VP model; (0.7) Perform director review, as of 10/2, of whitepaper revisions in progress	4.4	\$ 435.00	\$ 1,914.00
Matthew Bowser	10/02/19	Perform manager review of pole integrity lessons learned deck developed by T. Anderson (KPMG) in preparation for Thursday's future-state org discussion with T. Pazdan (PG&E).	1.1	\$ 400.00	\$ 440.00
Matthew Bowser	10/02/19	Working session with J. Birch (PG&E) to review work plan and scoping requirements. Focus on portions of GOV 1038 standard that will be in scope to be reviewed with R. Movafagh (PG&E).	1.4	\$ 400.00	\$ 560.00
Matthew Bowser	10/02/19	Perform manager review of risk memo for 2020 work down plan developed by D. Cha (KPMG) to provide review comments.	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	10/02/19	Develop 2020 inspections planning work plan based on feedback from yesterday's working session with J. Birch (PG&E)	2.1	\$ 400.00	\$ 840.00
Miki Suga	10/02/19	(1.7) Reviewed the current model methodology documentation with M. Xu (KPMG)	1.7	\$ 400.00	\$ 680.00
Miki Suga	10/02/19	(2.0) Discussed the regression approach and methods to transform model output to probability with M. Xu (KPMG)	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/02/19	(2.1) Continue, from earlier on 10/2, to review, concurrently perform revisions to the current model methodology documentation	2.1	\$ 400.00	\$ 840.00
Miki Suga	10/02/19	(2.3) Review prior work performed to-date for Dx DE Impact Model as precursor to updating model	2.3	\$ 400.00	\$ 920.00
Tanveer Abbas	10/02/19	(0.3) Draft documentation of technical requirement gathering and dependencies.	0.3	\$ 325.00	\$ 97.50
Tanveer Abbas	10/02/19	(.5) Hosting Workstream Call (10/2) for each team member to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, Tanveer and A. Irwin	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/02/19	(1.5) - Continued analysis/ development of the architecture diagram including incorporation of Waldo architecture component and arc Server.	1.5	\$ 325.00	\$ 487.50
Trent Anderson	10/02/19	1.0 Reviewed Pole Integrity Assessment 2019 lessons learned and future state framework slides 1-9 with D. Cha (KPMG – data analytics support)	1.0	\$ 275.00	\$ 275.00

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Trent Anderson	10/02/19	2.9 Continued developing the Pole Asset Management deck to include an overview of the future state, Pole Asset Management teaming structure, program benefits, preliminary roadmap with key activities, and the request for input from leadership for buy-in to the implementation of the program	2.9	\$ 275.00	\$ 797.50
Trent Anderson	10/02/19	3.7 Continued, from earlier on 10/2, developing the Pole Asset Management deck, performing analysis on the number of inspections, tags created, number of poles identified, and key metrics indicating the magnitude in changes from the 5 year average to post-DAMS inspections	3.7	\$ 275.00	\$ 1,017.50
Trent Anderson	10/02/19	3.8 Developed Pole Asset Management deck outline / content for the background information regarding why caused Pole Integrity Assessment to emerge from DAMS, objectives of the program, and the proposed solution	3.8	\$ 275.00	\$ 1,045.00
Will Brennan	10/02/19	(0.5) Call with M. Broida (KPMG) and F. Farzan (KPMG) to discuss general bowtie problems and concerns;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/02/19	(0.5) Afternoon meeting with D. Pant (PG&E), F. Farzan (KPMG) to discuss bowtie progress and issues as of 10/2;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/02/19	(0.5) Morning meeting with D. Pant (PG&E), F. Farzan (KPMG) to discuss bowtie progress and issues;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/02/19	(0.8) Call with J. White (KPMG) to discuss DE bowtie methodology approach and concerns;	0.8	\$ 325.00	\$ 260.00
Will Brennan	10/02/19	(2.3) Analysis of distribution overhead outages and restitution files for possible approach to consequence side of bowtie.	2.3	\$ 325.00	\$ 747.50
Will Brennan	10/02/19	(3.0) Analyzed, concurrently refining DE data to be more exact for inclusion in the DE bowtie model;	3.0	\$ 325.00	\$ 975.00
Yaz Yuan	10/02/19	(0.3) Python programming meeting with A. Esler, M. Suga, E. Janes (KPMG) to highlight coding standards, object-oriented programming, Module 5 development planning;	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/02/19	(0.7) Review the DE distribution model to be prepared for python coding for Module 5	0.7	\$ 325.00	\$ 227.50
Yaz Yuan	10/02/19	(1.0) Prepare a list of question to target for a client communication to determine the coding style for this engagement	1.0	\$ 325.00	\$ 325.00
Yaz Yuan	10/02/19	(2.0) Analysis of object-oriented coding style and PEP8, which is requested by PG&E specifically for this project.	2.0	\$ 325.00	\$ 650.00
Adrian Irwin	10/03/19	(.5) Call with T. Abbas (KPMG) to discuss progress, upcoming activity, and any potential roadblocks as of 10/3	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/03/19	(2.6) Continued, as of 10/3, development of the draft technical architecture diagram.	2.6	\$ 325.00	\$ 845.00
Adrian Irwin	10/03/19	(3.4) Perform research on sizing concerns of the current AWS/database options.	3.4	\$ 325.00	\$ 1,105.00

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Adrian Irwin	10/03/19	(1.5) Continued, from earlier on 10/3, development of level 1 draft architecture.	1.5	\$ 325.00	\$ 487.50
Daniel Elmlblad	10/03/19	3.0 - Developed response for Federal Monitor team to deliver overview modeling mechanics of models that were developed in Phase 1 of the project; 0.5 - Meeting with J. White, D. Ross, D. Elmlblad, T. Littman, M. Xu (KPMG) to discuss the request from Federal Monitor;	3.5	\$ 400.00	\$ 1,400.00
David Ross	10/03/19	.3 draft updates to weekly status update, as of 10/3, in order to update PG&E leadership on Task 1 progress to date	0.3	\$ 400.00	\$ 120.00
David Ross	10/03/19	.5 call with J. White, J. Donaghy, J. Guth (KPMG) to discuss communication and timeline request requirements from PG&E	0.5	\$ 400.00	\$ 200.00
David Ross	10/03/19	.5 call with J. White, M. Xu, D. Elmlblad, T. Littman (KPMG) to discuss data request from PG&E federal monitor and how to provide p values and coefficients for vegetation, transmission and distribution prioritization models	0.5	\$ 400.00	\$ 200.00
David Ross	10/03/19	0.5 Discussion with J. Mahoney, E. Janes, J. Guth, J. White (KPMG) to review accomplishments from the week, establish goals for the upcoming week, identify roadblocks as of 10/3 or outstanding data requirements from PG&E.	0.5	\$ 400.00	\$ 200.00
David Ross	10/03/19	.6 coordination of KPMG team access to PG&E network, LAN ID access, GitHub, wiki and other requirements for python coding and hosting architecture platform.	0.6	\$ 400.00	\$ 240.00
David Ross	10/03/19	.7 Meeting with PG&E security team in order to obtain network and physical access to PG&E facilities, in order to perform services.	0.7	\$ 400.00	\$ 280.00
David Ross	10/03/19	.9 call with PG&E IT team to obtain LAN ID and Citrix in order to access PG&E network remotely as requested by PG&E	0.9	\$ 400.00	\$ 360.00
David Ross	10/03/19	1.1 Meeting with M. Suga, M. Xu (KPMG) for manager discussion of distribution risk model documentation review which incorporates methodology and algorithm updates, prior to sending to PG&E	1.1	\$ 400.00	\$ 440.00
David Ross	10/03/19	1.6 Manager review / analysis of distribution risk model documentation of regression approach following guidance from PG&E enterprise risk team	1.6	\$ 400.00	\$ 640.00
David Ross	10/03/19	3.3 Manager review / analysis of distribution risk model documentation which incorporates methodology and algorithm updates;	3.3	\$ 400.00	\$ 1,320.00
Dennis Cha	10/03/19	0.9 Discussed Pronto, WWE secondary FDA, and PTT score data with J. Birch (PG&E) in the context of the analysis steps to be taken to identify tags with pole related FDAs only.	0.9	\$ 275.00	\$ 247.50

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Dennis Cha	10/03/19	1.0 AMS Task 2 meeting with R. Tucker, S. Stoddard, M. Bowser, D. Cha, T. Anderson, and F. Shammo (KPMG) to align on current in-progress work products across all work streams: EC Optimization Program, Pole Integrity Assessment, Compliance Monitoring and Reporting, and 2020 TDS Inspection Plan; reviewed latest deliverables and conducted planning efforts on managing work streams.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/03/19	1.2 Per request from J. Birch (PG&E), performed an ad-hoc analysis on data provided by R. Blake (PG&E) to compare the data with the tag population in 2020 work plan analysis output.	1.2	\$ 275.00	\$ 330.00
Dennis Cha	10/03/19	1.3 Continued performing analysis on EC Optimization Program project-level tracking, aggregating the hardening project tag data from Black and Veatch and comparing to the current population of open tags in the PG&E system.	1.3	\$ 275.00	\$ 357.50
Dennis Cha	10/03/19	2.1 Drafted the preliminary structure of EC Optimization Program final summary deck, a final deliverable for EC Optimization Program.	2.1	\$ 275.00	\$ 577.50
Dennis Cha	10/03/19	2.9 Updated 2020 work plan deck slides 1-5 on work volume, notes, and visualization based on comments from J. Birch, R. Blake, and J.C. Mathieson (all PG&E).	2.9	\$ 275.00	\$ 797.50
Drew Esler	10/03/19	(1.0) Began identifying Classes to create within Module 5 so team could start developing blueprint for Alteryx to Python creation	1.0	\$ 325.00	\$ 325.00
Drew Esler	10/03/19	(1.10) Working session with Y. Yuan, E. Janes (KPMG) to develop sprint planning for python code development;	1.1	\$ 325.00	\$ 357.50
Drew Esler	10/03/19	Continued, as of 10/3, translating module 1 agile code over to Object Oriented Programming in Python	3.3	\$ 325.00	\$ 1,072.50
Drew Esler	10/03/19	Continued, from earlier in the day, translating module 1 agile code over to Object Oriented Programming in Python	3.7	\$ 325.00	\$ 1,202.50
Eric Janes	10/03/19	(0.5) Attend call with D. Ross, J. Mahoney, J. Guth (KPMG) to discuss accomplishments, current challenges related to Task 1 as of 10/3	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/03/19	(0.5) Prepare communication for client regarding review coding standards	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/03/19	Meeting with Y. Yuan, A. Esler (KPMG) to work on sprint planning for python code development	0.8	\$ 400.00	\$ 320.00
Eric Janes	10/03/19	(1.0) Build draft sprint schedule, concurrently reviewing mitigation components of model	1.0	\$ 400.00	\$ 400.00
farbod Farzan	10/03/19	(0.5) Meeting with B. Wong (PG&E) to discuss the approach for incorporating safety related consequences of outages in asset family bowties (in transmission overhead/underground, distribution overhead/underground and substation).	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
farbod Farzan	10/03/19	(0.5) Call with J. White M. Broida, W. Brennan (KPMG) to discuss updates as of 10/3 and concerns with risk bowties.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/03/19	(0.5) Meeting with D. Pant (PG&E) and M. Sakamoto in order to present tranching analysis results.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/03/19	(0.5) Reviewing PG&E transmission overhead asset management plan focusing on statistics with regard to identified risky conductor types.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/03/19	(0.5) Continuation, as of 10/3, on substation outage data cleansing and investigating existence of duplicate events in outage dataset.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/03/19	(0.7) Call with D. Pant (PG&E), B. Wong (PG&E), A. Mani (KPMG), F. Farzan (KPMG), and W. Brennan (KPMG) to discuss DE approach and data issues.	0.7	\$ 325.00	\$ 227.50
farbod Farzan	10/03/19	(2.0) Perform mapping of outage cause details and categories in the substation according to the latest substation bowtie.	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/03/19	(2.0) Analysis of safety consequences of outages in transmission overhead/underground, distribution overhead/underground and substation.	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/03/19	(2.0) Continuation, as of 10/3, of conducting analysis on tranching transmission overhead outage data according to conductor types and length. This also includes processing transmission lines data.	2.0	\$ 325.00	\$ 650.00
Fran Shammo	10/03/19	1.0 AMS Task 2 meeting with R. Tucker, S. Stoddard, M. Bowser, D. Cha, T. Anderson, and F. Shammo (KPMG) to align on current in-progress work products across all work streams: EC Optimization Program, Pole Integrity Assessment, Compliance Monitoring and Reporting, and 2020 TDS Inspection Plan; reviewed latest deliverables and conducted planning efforts on managing work streams;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/03/19	1.5 Review of Inspection and Corrective Maintenance Governance Utility Standard: GOV - 1038S;	1.5	\$ 275.00	\$ 412.50
Fran Shammo	10/03/19	1.5 Working session with J. Birch, R. Movafagh (PG&E) F. Shammo and M. Bowser (KPMG), to align focus on weekly end goals, identify 1030S Governance Documents inspection requirements, and determine the proper milestones to reach a unified standard among ETPM/SSPM/EDPM;	1.5	\$ 275.00	\$ 412.50
Fran Shammo	10/03/19	2.0 Focus Meeting (10/3): Electric System Inspection and Maintenance requirements and plan (2020 and beyond, SRCC - San Ramon Conference Center;	2.0	\$ 275.00	\$ 550.00

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Fran Shammo	10/03/19	2.0 Met with M. Bowser (KPMG) to discuss redirect development of the EDPM / ETMP / SSPM 2020 Electric System Inspection & Preventative Maintenance Work plan to be more aligned with what came out of the prior focus meeting;	2.0	\$ 275.00	\$ 550.00
Fran Shammo	10/03/19	3.4 Development of the EDPM / ETMP / SSPM 2020 Electrical Systems Inspection & Preventative Maintenance Work plan which is planned to be presented to ETPM/SSPM/EDPM team leadership during Tuesday 10/8 Morning Focus Meeting: Electric System Inspection and Maintenance requirements and plan (2020 and beyond).	3.4	\$ 275.00	\$ 935.00
Gaurav Thapan-Raina	10/03/19	(3.9) Finalized revisions to the TAT whitepaper based on feedback received from M. Broida (KPMG), K. Loomis (PG&E) and D. Kida (PG&E) in order to send to the PG&E vegetation management team for their review and comments.	3.9	\$ 400.00	\$ 1,560.00
Gaurav Thapan-Raina	10/03/19	(1.0) Conducted analysis on the number of outages across 120 circuits using the outage investigations dataset provided by K. Loomis (PG&E). Identified and summarized insights from the analysis. (0.5) Met with S. Hunt (PG&E) to discuss update to the digitalization of the TAT and any roadblocks that needed to be addressed. (2.6) Reviewed vegetation inspection data for 120 circuits by examining trees that were tagged by inspectors for further work and/or abatement. The review entailed reviewing the data over the past one year.	4.1	\$ 400.00	\$ 1,640.00
Jeff Mahoney	10/03/19	(0.3) Python programming meeting with A. Esler, Y. Yuan, M. Suga, E. Janes (KPMG) to highlight coding standards, object oriented programming, Module 5 development planning.	0.3	\$ 435.00	\$ 130.50
Jeff Mahoney	10/03/19	(0.5) Meeting with D. Ross, J. Guth, E. Janes (KPMG) to discuss progress, goals, challenges, outstanding items related to the model development;	0.5	\$ 435.00	\$ 217.50
Jon Guth	10/03/19	(.5) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress with T. Abbas, A. Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/03/19	(.5) PG&E update to align on Accomplishments from current week, Goals for next week Challenges/concerns, Outstanding data and/or other requests from PG&E. D. Ross, J. Donaghy, E. Janes, J. Mahoney (KPMG)	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/03/19	(.5) Review information provided by K. Visram (PG&E) regarding the DE model interface and the tables supporting the data for the UI	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/03/19	(.9) Read through technical questions provided by E. Janes regarding Python and coding standards intended to be submitted to the client and the answers provided by A. Irwin (KPMG)	0.9	\$ 400.00	\$ 360.00

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Name	Date	Description	Hours	Rate	Amount
Jon Guth	10/03/19	(1.2) Review updated Level 1 Draft Architecture prior to it being sent out internally and to client for review	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/03/19	(1.5) Walk through of work plan in order to identify dependencies and assign target dates by which dependencies must be fulfilled by client in order for KPMG to meet target dates for the hosting application.	1.5	\$ 400.00	\$ 600.00
Jonathan White	10/03/19	A. Irwin, T. Abbas (KPMG). (0.5) Call with M. Broida, F. Farzan, W. Brennan (KPMG) to discuss updates and concerns with DE and transmission overhead bowties;	0.5	\$ 475.00	\$ 237.50
Jonathan White	10/03/19	(0.5) Federal Monitor data request discussion with D. Ross, M. Xu, D. Elmlblad, T. Littman (KPMG)	0.5	\$ 475.00	\$ 237.50
Jonathan White	10/03/19	(2.7) Perform managing director review of Distribution Risk Model mathematical description	2.7	\$ 475.00	\$ 1,282.50
Marcus Xu	10/03/19	(0.5) Meeting with J. White, D. Ross, D. Elmlblad, T. Littman (KPMG) to discuss the request from Federal Monitor	0.5	\$ 325.00	\$ 162.50
Marcus Xu	10/03/19	(0.5) Participate in a review section with D. Ross, M. Suga, M. Xu regarding the Dx model documentation draft	0.5	\$ 325.00	\$ 162.50
Marcus Xu	10/03/19	(2.0) Researched / documented methods to perform variable selection in regression as well as methods to check model assumptions	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/03/19	(3.0) Drafted the alternative regression approach to calculate the probability of FE caused by internal factor	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/03/19	(3.0) Reviewed designated portion of the v2 edition of the Dx model documentation and continue to perform revisions based on the team feedback	3.0	\$ 325.00	\$ 975.00
Matt Broida	10/03/19	(0.5) Morning workstream review and coordination on bowtie development with W. Brennen, F. Farbod (KPMG);	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/03/19	(0.5) PG&E meeting preparation work product review on bowtie development with W. Brennen, F. Farbod, J. White (KPMG);	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/03/19	(0.5) Task 1 Distribution Model update and coordination with D. Ross (KPMG)	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/03/19	(3.9) Re-write of 201901003_PG&E-Veg-Mgmt-Documentation v4-mcb revisions.DOCX ToC, Scope, Methodology & General Findings; (0.5) Communication with M Garbelotto (UC Berkley) on SME signoff letter	4.4	\$ 435.00	\$ 1,914.00
Matthew Bowser	10/03/19	Attend Pole Integrity lessons learned future state meeting with T. Pazdan and J. Birch (PG&E) with T. Anderson (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/03/19	Met with J. Birch and R. Movafagh (PG&E) regarding weekly agenda and scoping for 2020 inspections planning process.	1.9	\$ 400.00	\$ 760.00
Matthew Bowser	10/03/19	Continue, as of 10/3, development of 2020 inspections planning work plan to meet 10/24 update to CPUC	2.0	\$ 400.00	\$ 800.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	10/03/19	Attend morning session of 2020 Inspections Planning workshop led by R. Movafagh (PG&E).	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/03/19	(0.5) Participate in a review section with D. Ross, M. Suga, M. Xu regarding the Dx model documentation draft	0.5	\$ 400.00	\$ 200.00
Miki Suga	10/03/19	(2.0) Researched, concurrently documenting methods to perform variable selection in regression as well as methods to check model assumptions	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/03/19	(2.9) Reviewed specific portion of the v2 edition of the Dx model documentation and continue to perform revisions based on the team feedback	2.9	\$ 400.00	\$ 1,160.00
Miki Suga	10/03/19	(3.1) Drafted the alternative regression approach to calculate the probability of FE caused by internal factor	3.1	\$ 400.00	\$ 1,240.00
Reid Tucker	10/03/19	(0.6) AMS Task 2 meeting with R. Tucker, S. Stoddard, M. Bowser, D. Cha, T. Anderson, and F. Shammo (KPMG) to align on current in-progress work products across all work streams: EC Optimization Program, Pole Integrity Assessment, Compliance Monitoring and Reporting, and 2020 TDS Inspection Plan; reviewed latest deliverables and conducted planning efforts on managing work streams.	0.6	\$ 500.00	\$ 300.00
Scott Stoddard	10/03/19	AMS Task Weekly Internal Coordination with R. Tucker, S. Stoddard, M. Bowser, D. Cha, T. Anderson, and F. Shammo (all KPMG) to align on current in-progress work products across all work streams: EC Optimization Program, Pole Integrity Assessment, Compliance Monitoring and Reporting, and 2020 TDS Inspection Plan. reviewed latest deliverables and conducted planning efforts on managing work streams.	1.0	\$ 435.00	\$ 435.00
Tanveer Abbas	10/03/19	(.5) Call with A. Irwin (KPMG) to discuss progress, plans for upcoming activity, any roadblocks to progress	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/03/19	(1.0) Perform connectivity function to PG&E network (work with PG&E tech support) to configure Citrix.	1.0	\$ 325.00	\$ 325.00
Trent Anderson	10/03/19	0.9 Continued developing the final ECOP wrap up report by updating the data figures contained within the background summary slide and pole asset management slide /	0.9	\$ 275.00	\$ 247.50
Trent Anderson	10/03/19	1.0 Developed outline to support the Pole Integrity Discussion meeting with J. Birch and T. Pazdan (PG&E) and M. Bowser (KPMG), highlighting the need to identify the exact organizational structure of what teams and roles are involved and what their capacities are, in addition to clarifying as much of the future state as possible for aspects such as people, process, and technology, and lastly, general consensus on what key benefits are to be realized by implementing this program /	1.0	\$ 275.00	\$ 275.00

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Name	Date	Description	Hours	Rate	Amount
Trent Anderson	10/03/19	1.0 AMS Task 2 meeting with M. Bowser, D. Cha, F. Shammo, R. Tucker, S. Stoddard (KPMG) to align on current in-progress work products across the ECOP, Pole Integrity, Compliance Monitoring and Reporting, and TDS Inspection Manual Re-write work streams; reviewed latest deliverables and conducted planning efforts on managing work streams /	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/03/19	1.2 Pole Integrity Discussion Part 2 with J. Birch and T. Pazdan (PG&E), M. Bowser (KPMG) to discuss the organization of the new asset strategy team for 2020, opportunities to expand the pole assessment model and process, and develop thoughts surrounding the pole asset management lifecycle	1.2	\$ 275.00	\$ 330.00
Trent Anderson	10/03/19	3.9 Began developing the final ECOP wrap up report by building the outline for critical content to include in the presentation including background, updates to processes, summary of key results and progress, and next steps along with applicable appendices for relevant items to support the processes /	3.9	\$ 275.00	\$ 1,072.50
Will Brennan	10/03/19	(0.5) Call with J. White (KPMG), M. Broida (KPMG), F. Farzan (KPMG) to discuss updates and concerns with risk bowties;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/03/19	(0.7) Call with D. Pant (PG&E), B. Wong (PG&E), A. Mani (KPMG), F. Farzan (KPMG) to discuss DE approach and data issues;	0.7	\$ 325.00	\$ 227.50
Will Brennan	10/03/19	(2.5) Continued, as of 10/3, analysis of DE GNTs and distribution outages to map them together for the DE bowtie;	2.5	\$ 325.00	\$ 812.50
Will Brennan	10/03/19	(3.1) Adjusted DE GNT data to better position spatial points via exact GNT start point and timing of outages and GNTs.	3.1	\$ 325.00	\$ 1,007.50
Yaz Yuan	10/03/19	(0.7) Continued from earlier in the day, reviewing Module 5 Alteryx workflow, planning, concurrently drafting objective structure before python programming for the same module for PG&E	0.7	\$ 325.00	\$ 227.50
Yaz Yuan	10/03/19	Meeting with A. Esler, E. Janes (KPMG) to discuss sprint planning for python code development	0.7	\$ 325.00	\$ 227.50
Yaz Yuan	10/03/19	(2.3) Python Coding for Module 5 Objective Data Cleansing for PG&E.	2.3	\$ 325.00	\$ 747.50
Yaz Yuan	10/03/19	(3.3) Reviewing Module 5 Alteryx workflow, planning and drafting objective structure before python programming for the same module for PGE;	3.3	\$ 325.00	\$ 1,072.50

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Name	Date	Description	Hours	Rate	Amount
Adrian Irwin	10/04/19	(2.0) User interface (UI) Deep Dive Working Session at the request of client to discuss the details of the User Interface, including Align on PG&E's desired UI design for simulations and archiving, Identify intended user interactions with model (view only vs. other); Identify how the model will be used within PG&E (linemen, asset planning, mitigation planning, DE mitigation, etc.); Identify PG&E contact responsible for UI development. D. Ross, A. Irwin, J. White, J. Guth (KPMG); R. Griffith, J. Thalman (PG&E)	2.0	\$ 325.00	\$ 650.00
Adrian Irwin	10/04/19	(2.0) Communication with project team members in an effort to increase knowledge with respect to existing and proposed systems.	2.0	\$ 325.00	\$ 650.00
Arthur Franke	10/04/19	Constructing data schedule decision points for overall project timeline, inclusive of defining data annotation requirements based on potential supervised learning topics. Review of literature search vegetation spectral indices.;	1.0	\$ 435.00	\$ 435.00
David Ross	10/04/19	.2 call with J. Mahoney (KPMG) to discuss python coding preferences from PG&E data & analytics team and how they differ from PG&E's enterprise risk preferences	0.2	\$ 400.00	\$ 80.00
David Ross	10/04/19	.4 call with J. White (KPMG) to discuss preferred python coding approach between object oriented and agile	0.4	\$ 400.00	\$ 160.00
David Ross	10/04/19	.5 Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, risks as of 10/4	0.5	\$ 400.00	\$ 200.00
David Ross	10/04/19	.6 call with E. Janes, J. Guth, D. Esler, M. Xu (KPMG) to coordinate on integration between model development, python coding and software hosting application for the distribution risk model.	0.6	\$ 400.00	\$ 240.00
David Ross	10/04/19	(2.0) User interface (UI) Deep Dive Working Session at the request of client to discuss the details of the User Interface, including Align on PG&E's desired UI design for simulations and archiving, Identify intended user interactions with model (view only vs. other); Identify how the model will be used within PG&E (linemen, asset planning, mitigation planning, DE mitigation, etc.); Identify PG&E contact responsible for UI development. T. Abbas, A. Irwin, J. White, J. Guth (KPMG); R. Griffith, J. Thalman (PG&E)	2.0	\$ 400.00	\$ 800.00
David Ross	10/04/19	2.4 begin compiling algorithms /mathematics underlying distribution risk model, concurrently developing a singular reference point for documentation, at the request of PG&E	2.4	\$ 400.00	\$ 960.00

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David Ross	10/04/19	2.7 Manager review, concurrently updating distribution risk model documentation which reflects revised regression methodology for probability of FE based on internal factor	2.7	\$ 400.00	\$ 1,080.00
Dennis Cha	10/04/19	0.5 Attended PIA model review to discuss level 3 (lower risk) poles with J. Birch (PG&E), L. Thomas (Osmose), D. Cha (KPMG - pole replacement tag data analysis), and M. Bowser (KPMG - AMS Task 2 engagement management & coordination).	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/04/19	0.5 Discussed next steps on 2020 work plan with J. Birch (PG&E) based on the outcome from the meeting with P. Mitchell-Smith, J. Birch, J.C. Mathieson, R. Blake (all PG&E).	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/04/19	0.5 Performed a preliminary analysis on the next steps of WSIP tag review and execution communicated by M. Esguerra (PG&E) on the compliance plan monitoring and tracking.	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/04/19	1.1 Attended meeting with P. Mitchell-Smith, J. Birch, J.C. Mathieson, R. Blake (all PG&E), D. Cha (KPMG - 2020 work plan data analysis), and M. Bowser (KPMG - engagement management & coordination) to discuss preliminary 2020 work plan based on approach from asset management team and next steps in coordination with work & resource management team.	1.1	\$ 275.00	\$ 302.50
Drew Esler	10/04/19	(0.3) Python programming meeting with Y. Yuan, J. Mahoney, E. Janes (KPMG) to discuss questions, answers and open questions remaining, as of 10/4, for PG&E as well as discussed sprint planning for Module 5;	0.3	\$ 325.00	\$ 97.50
Drew Esler	10/04/19	(0.3) meeting with A. Irwin, M. Xu, M. Suga, D. Ross, J. Mahoney, J. Guth (KPMG) to align on dependencies and relay communications with PG&E stakeholders;	0.3	\$ 325.00	\$ 97.50
Drew Esler	10/04/19	(1.8) Transferred files specific to Module 5 from Transaction Services drive over to the cloud drive via SFTP for faster Python processing	1.8	\$ 325.00	\$ 585.00
Drew Esler	10/04/19	(2.6) Continued, from earlier on 10/4, moving files specific to Module 5 from Transaction Services drive over to the cloud drive via SFTP for faster Python processing	2.6	\$ 325.00	\$ 845.00
Drew Esler	10/04/19	(3.0) Continued, as of 10/4, creating, concurrently identifying Classes via Python code for Module 5	3.0	\$ 325.00	\$ 975.00
Eric Janes	10/04/19	(0.3) meeting with A. Irwin, M. Xu, M. Suga, A. Esler, D. Ross, J. Mahoney, J. Guth (KPMG) to align on dependencies and relay communications with PG&E stakeholders as of 10/4	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/04/19	(0.3) Python programming meeting with A. Esler, Y. Yuan, J. Mahoney (KPMG) to discuss questions, answers and open questions remaining for PG&E as well as discussed sprint planning for Module 5	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/04/19	Meeting with P. Baker (PG&E) and E. Janes (KPMG) to discuss coding standards and data engineering	0.8	\$ 400.00	\$ 320.00

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Name	Date	Description	Hours	Rate	Amount
Eric Janes	10/04/19	(1.5) Continue preparing communication with PG&E, concurrently reviewing coding standards for meeting with P. Baker (PG&E)	1.5	\$ 400.00	\$ 600.00
Eric Janes	10/04/19	(2.3) Create data engineering diagram for discussions with PG&E week of 10/7	2.3	\$ 400.00	\$ 920.00
farbod Farzan	10/04/19	(0.8) Call with D. Pant (PG&E), W. Brennan (KPMG) to discuss updates and action items as of 10/4	0.8	\$ 325.00	\$ 260.00
farbod Farzan	10/04/19	(1.0) Read wiki documents with regard to STAR model (Asset FE predictive model) for transmission assets provided by D. Pant (PG&E).	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/04/19	(2.0) Continuation, as of 10/4, on analysis of safety consequences of outages in transmission overhead/underground, distribution	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/04/19	(3.0) Conducted analysis for validity of tranching transmission overhead by conductor type. This includes statistical analysis comparing identified risky conductor types with probability of FEs from STAR model at circuit level.	3.0	\$ 325.00	\$ 975.00
Fran Shammo	10/04/19	1.0 Review of the Corrective Maintenance Governance Utility Standard: GOV - 1038S attachment - of Self Assessment 48 question review sheet;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/04/19	1.0 Met with M. Bowser, S. Stoddard, R. Tucker (KPMG) / J. Birch, J.C Mathieson, Mark Esguerra (PG&E) Following the compliance plan check-in next Tuesday, the purpose of this meeting is to review and discuss KPMG's task 2 support following the recent approval of the AMS contract extension. 1. Review current CWA scope 2. Review feedback and milestones from CMOC process 3. Discuss KPMG resource and transition plans through EOY 4. Establish future meeting cadence and contract management activities for KPMG support.	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/04/19	2.6 Continue, as of 10/4, development of the EDPM / ETMP / SSPM 2020 Electrical Systems Inspection & Preventative Maintenance Work plan which is planned to be presented to ETMP/SSPM/EDPM team leadership during Tuesday 10/8 Morning Focus Meeting: Electric System Inspection and Maintenance requirements and plan (2020 and beyond);	2.6	\$ 275.00	\$ 715.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	10/04/19	(0.5) Meeting with R. Saboo (KPMG) to discuss approach to vegetation prioritization (VP) model development, the detailed steps for each part of the process (i.e., developing a data pipeline, image labeling and building an initial prototype on the basis of older data and then re-engineering when new LIDAR point-cloud and hyperspectral imagery data would become available). (0.6) Meeting with A. Eiserloh (PG&E) to discuss incorporation of wind speeds data into the Tree Assessment Tool (TAT). The meeting discussed whether wind speed information could be converted from the current csv format to polygon layers, the capabilities of the PG&E Meteorological team in undertaking this exercise and how KPMG would facilitate. (2.6) Began analyzing initial samples of field testing data collected by inspectors on randomly selected trees across three different circuits each in the North Coast and Central Coast regions, comparing the number of trees that were marked for abatement by the Tree Assessment Tool relative to the Hazard Tree Reporting System (HTRS) tool.	3.7	\$ 400.00	\$ 1,480.00
Gaurav Thapan-Raina	10/04/19	(3.8) Reviewed / revised strategy for building a data pipeline and an initial prototype of the vegetation prioritization model that involved a) reviewing the current LIDAR (Light Detection and Ranging) data available (point-cloud, vectors, jpeg imagery and hyperspectral data) and assessing how to build tree image profiles and labels that could serve as the inputs to the model; b) assessing the IT infrastructure requirements that would be necessary to build the model (i.e., Amazon Ground Truth service for image labelling and associated costs and accessing the Graphical Processing Unit (GPU) accelerator to train the future algorithm that would be built) and c) mapping the LIDAR data with the Geographical Information System (GIS) data collected by the vegetation management team for each tree inspect by circuit and region. (0.5) Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, and risks as of 10/4	4.3	\$ 400.00	\$ 1,720.00
Jeff Mahoney	10/04/19	(0.3) Alignment meeting (10/4) with E. Janes, A. Irwin, M. Xu, T. Abbas, B. Wei, M. Suga, A. Esler, J. Guth, D. Ross to address action items, dependencies, risks	0.3	\$ 435.00	\$ 130.50
Jeff Mahoney	10/04/19	(0.5) Python programming meeting with A. Esler, Y. Yuan, M. Suga, E. Janes (KPMG) to highlight coding standards, object oriented programming, Module 5 development planning.	0.5	\$ 435.00	\$ 217.50

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Name	Date	Description	Hours	Rate	Amount
Jon Guth	10/04/19	(.5) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A. Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/04/19	(.5) PG&E Distribution Risk Extension Meeting to align on our current efforts and the dependencies; E. Janes; A. Irwin; M. Xu; T. Abbas; B. Wei; M. Suga; A. Esler; C. Gallagher; J. Mahoney; D. Ross (KPMG)	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/04/19	(.5) Review updated delivery timeline based on latest model development dates and python coding time requirements	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/04/19	(.8) Review email along with technical architecture diagram from A. Irwin (KPMG) summarizing technical architecture Level 1 for review by internal team members and additional technical topics and open items for discussion amongst the team	0.8	\$ 400.00	\$ 320.00
Jon Guth	10/04/19	(1.2) Review tasks, update status, add target dates to Work Plan for PG&E and internal team tasks that the hosting application is dependent on.	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/04/19	(2.0) User interface (UI) Deep Dive Working Session at the request of client to discuss the details of the User Interface, including Align on PG&E's desired UI design for simulations and archiving, Identify intended user interactions with model (view only vs. other); Identify how the model will be used within PG&E (linemen, asset planning, mitigation planning, DE mitigation, etc.); Identify PG&E contact responsible for UI development. D. Ross, A. Irwin, J. White, T. Abbas (KPMG); R. Griffith, J. Thalman (PG&E),	2.0	\$ 400.00	\$ 800.00
Jonathan White	10/04/19	(0.2) Enhanced vegetation management prioritization data research	0.2	\$ 475.00	\$ 95.00
Jonathan White	10/04/19	(0.2) Develop Federal monitor response	0.2	\$ 475.00	\$ 95.00
Jonathan White	10/04/19	(0.5) Perform managing director review of overall task 1 status documentation as of 10/4	0.5	\$ 475.00	\$ 237.50
Jonathan White	10/04/19	(1.0) Managing director review of Tree Assessment Tool (TAT) documentation as of 10/4, concurrently noting modifications needed	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/04/19	(2.0) User interface (UI) Deep Dive Working Session at the request of client to discuss the details of the User Interface, including Align on PG&E's desired UI design for simulations and archiving, Identify intended user interactions with model (view only vs. other); Identify how the model will be used within PG&E (linemen, asset planning, mitigation planning, DE mitigation, etc.); Identify PG&E contact responsible for UI development. D. Ross, A. Irwin, J. Guth, T. Abbas (KPMG); R. Griffith, J. Thalman (PG&E),	2.0	\$ 475.00	\$ 950.00
Jonathan White	10/04/19	(3.4) Managing director review of distribution risk model regression approach documentation review, concurrently revising	3.4	\$ 475.00	\$ 1,615.00

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Name	Date	Description	Hours	Rate	Amount
Marcus Xu	10/04/19	(0.3) Meeting with A. Irwin, M. Suga, A. Esler, D. Ross, J. Mahoney, J. Guth (KPMG) to align on dependencies and relay communications with PG&E stakeholders	0.3	\$ 325.00	\$ 97.50
Marcus Xu	10/04/19	(1.0) Researched / analyzed method to test count regression model performance	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/04/19	(1.9) Updated designated portion of the regression approach documentation of the Distribution (Dx) DE Impact Model	1.9	\$ 325.00	\$ 617.50
Marcus Xu	10/04/19	(2.1) Updated designated portion of the variable selection section of the regression documentation	2.1	\$ 325.00	\$ 682.50
Marcus Xu	10/04/19	(3.0) Continue, as of 10/4, to draft the regression approach documentation and brainstormed method to test model assumptions	3.0	\$ 325.00	\$ 975.00
Matt Broida	10/04/19	(0.5) Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, and risks;	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/04/19	(0.8) Final director review of AMS reporting / budget package in advance of providing to PG&E	0.8	\$ 435.00	\$ 348.00
Matt Broida	10/04/19	(0.5) Call with M. Esquerre (PG&E) and J. White (KPMG) to discuss bottlenecks to VP model and next step; (0.7) Draft of correspondence to M. Esquerre (PG&E) on revised PG&E LIDAR schedule and vegetation options	1.2	\$ 435.00	\$ 522.00
Matt Broida	10/04/19	(2.0) Finalization AMS reporting package for PG&E as of 10/4	2.0	\$ 435.00	\$ 870.00
Matt Broida	10/04/19	(2.5) Director review of Distribution (Dx) Methodology Documentation (10_3_19).docx Distribution Risk Model methodology.	2.5	\$ 435.00	\$ 1,087.50
Matthew Bowser	10/04/19	Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, and risks as of 10/4	0.5	\$ 400.00	\$ 200.00
Matthew Bowser	10/04/19	Attend weekly AMS Task 2 working session with T. Anderson (KPMG) for work planning and prioritization relative to AMS Task 2 support of POLs, PIA, and Compliance Monitoring.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/04/19	Attend AMS Task 2 engagement kickoff meeting to discuss scope, resource plan, and objectives with M. Esquerre, J. Mathieson, J. Birch (PG&E) and S. Stoddard, F. Shammo (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/04/19	Attend 2020 work down plan coordination call led by J. Birch (PG&E) with D. Cha (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/04/19	Working session with J Mathieson (PG&E) to develop work plan and scope for past-due tag compliance plan	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/04/19	Performed manager review of 2020 inspections work plan slides developed by F. Shammo (KPMG) to provide review comments.	2.4	\$ 400.00	\$ 960.00

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Name	Date	Description	Hours	Rate	Amount
Miki Suga	10/04/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, D. Ross, J. Mahoney, J. Guth (KPMG) to align on dependencies and relay communications with PG&E stakeholders as of 10/4	0.3	\$ 400.00	\$ 120.00
Miki Suga	10/04/19	(0.7) Review the assumptions of the regression model approach for (Distribution) Dx DE Impact Model	0.7	\$ 400.00	\$ 280.00
Miki Suga	10/04/19	(1.0) Review the circuit level and asset level dataset gaining insight regarding same.	1.0	\$ 400.00	\$ 400.00
Miki Suga	10/04/19	(2.0) Modified the regression approach documentation of the Dx DE Impact Model	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/04/19	(2.0) Modified the variable selection section of the regression documentation	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/04/19	(2.0) Review, concurrently revising the combined (current & regression) approach documentation for Dx DE Impact Model	2.0	\$ 400.00	\$ 800.00
Reid Tucker	10/04/19	Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlblad (KPMG) leads to review and address program status, schedules, issues, and risks as of 10/4	0.5	\$ 500.00	\$ 250.00
Scott Stoddard	10/04/19	Attend AMS Task 2 engagement kickoff meeting to discuss scope, resource plan, and objectives with M. Esguerra, J. Mathieson, J. Birch (PG&E) and S. Stoddard, F. Shammo (KPMG)	1.0	\$ 435.00	\$ 435.00
Tanveer Abbas	10/04/19	(2.0) User interface (UI) Deep Dive Working Session at the request of client to discuss the details of the User Interface, including Align on PG&E's desired UI design for simulations and archiving, Identify intended user interactions with model (view only vs. other); Identify how the model will be used within PG&E (linemen, asset planning, mitigation planning, DE mitigation, etc.); Identify PG&E contact responsible for UI development. D. Ross, A. Irwin, J. White, J. Guth (KPMG); R. Griffith, J. Thalman (PG&E)	2.0	\$ 325.00	\$ 650.00
Trent Anderson	10/04/19	1.4 Downloaded the latest Osmose Pole Loading Calculations and reviewed them for accuracy and then process the new PLCs into the Pole Integrity Assessment model to determine new risk prioritizations	1.4	\$ 275.00	\$ 385.00
Trent Anderson	10/04/19	3.7 Began developing a linear regression analysis for based on the field verification summary results conducted by the field inspection crews from August 2019 to cross check dependent and independent variables for any correlations to gain insights towards what factors are most likely to result in a field inspection assigning a pole a specific risk prioritization value /	3.7	\$ 275.00	\$ 1,017.50

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Trent Anderson	10/04/19	3.8 Continued building the linear regression analysis to check for independent variables including: MCU, Pole Age, Pole Ext Treatment, Pole Int Treatment, Pole Top Condition, Pole Bottom Condition and plotted results and developed workpapers to support the analysis	3.8	\$ 275.00	\$ 1,045.00
Will Brennan	10/04/19	(0.8) Call with D. Pant (PG&E), W. Brennan (KPMG), and F. Farzan (KPMG) to discuss updates and action items as of 10/4	0.8	\$ 325.00	\$ 260.00
Will Brennan	10/04/19	(1.2) Perform analysis / matching of new file with conductor types to distribution overhead data for distribution overhead bowtie tranching;	1.2	\$ 325.00	\$ 390.00
Will Brennan	10/04/19	(1.4) Analysis to determine best approach for DE bowtie and tranching system;	1.4	\$ 325.00	\$ 455.00
Will Brennan	10/04/19	(1.5) Analysis of current distribution outage data file for possible inclusion of conductor type data;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/04/19	(3.6) Updated DE and distribution outage data in accordance with D. Pant's (PG&E) preferred methodology.	3.6	\$ 325.00	\$ 1,170.00
Yaz Yuan	10/04/19	(0.3) Python programming meeting with A. Esler, E. Janes (KPMG) to plan the coding process for Module 5;	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/04/19	(2.7) Analysis of object-oriented coding style and PEP8, which is requested by PG&E specifically for this project;	2.7	\$ 325.00	\$ 877.50
Yaz Yuan	10/04/19	(3) Develop Python code for Module 5 Object Data Cleansing	3.0	\$ 325.00	\$ 975.00
Eric Janes	10/05/19	(1.0) Building task list and schedule for python effort	1.0	\$ 400.00	\$ 400.00
Jeff Mahoney	10/05/19	1.4 Specialist director review of Python schedule, methodology documentation, PG&E coding standards	1.4	\$ 435.00	\$ 609.00
Eric Janes	10/06/19	(3.0) Continue, as of 10/6, to build task list and schedule for python effort	3.0	\$ 400.00	\$ 1,200.00
Adrian Irwin	10/07/19	(0.3) Begin process required to request LucidChart license for diagraming on behalf of PG&E	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/07/19	(0.3) Perform minor updates to the technical architecture diagram based on feedback from D. Ross (KPMG)	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/07/19	(0.3) Review, concurrently downloading requested repositories from PG&E's GitHub server at the request of E. Janes (KPMG)	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/07/19	(0.5) Discussion with T. Abbas regarding progress since last call, plans for upcoming activity, any roadblocks to progress, for potential discussion with client.	0.5	\$ 325.00	\$ 162.50
Arun Mani	10/07/19	Review Controls and Mitigations for DER call with D. Pant (PG&E)	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/07/19	(e) Bow tie development follow-up with W. Brennan, F. Farzan, M. Broida (KPMG)	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/07/19	(1.0) Discuss presentation on modeling work completed to date for a discussion on potential enhancements going forward with J. White (KPMG)	1.0	\$ 500.00	\$ 500.00

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Name	Date	Description	Hours	Rate	Amount
Arun Mani	10/07/19	Meeting with J. Gonzales, D. Ross, J. White (KPMG) to review the Distribution Modeling process	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/07/19	(a)Principal review of Distribution (Dx) White Paper documentation as of 10/7/19	2.0	\$ 500.00	\$ 1,000.00
Daniel Elmlblad	10/07/19	2.0 - Developed / refined response for Federal Monitor team to deliver overview modeling mechanics of models that were developed in Phase 1 of the project; 0.8 - Discussion via phone with D. Pant, B. Wong (all PG&E) and A. Mani (KPMG) about developing presentation on DER mitigation and control work for PG&E board; 0.7 - Reviewed current documentation on DER mitigation and control work to prepare materials for PG&E board presentation;	3.5	\$ 400.00	\$ 1,400.00
David Ross	10/07/19	.2 discussion with J. White regarding	0.2	\$ 400.00	\$ 80.00
David Ross	10/07/19	.3 Team lead analysis and updates to level 1 technical architecture for distribution risk model	0.3	\$ 400.00	\$ 120.00
David Ross	10/07/19	.4 call with J. Thalman (PGE) to prepare for 10/9 meeting with PG&E quantitative team to discuss distribution risk model underlying mathematic methodology	0.4	\$ 400.00	\$ 160.00
David Ross	10/07/19	.4 Prepare material on distribution risk model for upcoming quality assurance partner review	0.4	\$ 400.00	\$ 160.00
David Ross	10/07/19	.6 review of python development sprint schedule and compile feedback for python coding team	0.6	\$ 400.00	\$ 240.00
David Ross	10/07/19	.7 At the request of PG&E, compile information on the team structure of the python coding team and each team member's respective resumes for PG&E review	0.7	\$ 400.00	\$ 280.00
David Ross	10/07/19	1.0 meeting with A. Mani, J. White, J. Gonzales (KPMG) for Quality Assurance partner review of work completed to date on the distribution risk model	1.0	\$ 400.00	\$ 400.00
David Ross	10/07/19	1.5 brainstorm and structure document outline which details distribution risk model approvals required by PG&E to continue model development and python coding	1.5	\$ 400.00	\$ 600.00
David Ross	10/07/19	3.2 draft documentation which compiles the distribution risk model methodology, python coding approach, timeline, and technical architecture for PG&E's review and approval	3.2	\$ 400.00	\$ 1,280.00
Eric Janes	10/07/19	(0.5) Meeting with Y. Yashu, A. Esler, J. Mahoney, M. Suga, E. Janes (KPMG) to walk through folder structure, file naming requirements for PG&E, python schedule.	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/07/19	(2.0) Analyze Outage Probability for Wind methodology	2.0	\$ 400.00	\$ 800.00
Eric Janes	10/07/19	(2.9)Began to draft data engineering mapping document for Protection Zone	2.9	\$ 400.00	\$ 1,160.00
Eric Janes	10/07/19	(3.1) Began to draft data engineering mapping document for Egress	3.1	\$ 400.00	\$ 1,240.00

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Name	Date	Description	Hours	Rate	Amount
farbod Farzan	10/07/19	(0.3) Call with M. Broida (KPMG), F. Farzan (KPMG) and W. Brennan (KPMG) to discuss bowtie project status and developments.	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/07/19	(0.5) Call with D. Canell (PG&E) to discuss tranching methodology for transmission overhead	0.5	\$ 325.00	\$ 162.50
Gaurav Thapan-Raina	10/07/19	(0.5) Met with L. Cai (KPMG) to discuss preliminary results from the field testing conducted by PG&E using the revised Tree Assessment Tool (TAT). The purpose of the meeting was to review the data captured by the inspectors and identify any discrepancies or tree features that had been overlooked. (0.5) Met with M. Broida, A. Franke, R. Saboo (KPMG) to discuss possible change of scope for the vegetation prioritization model and discuss the groundwork required to align with the PG&E Vegetation Management team as well as the senior leadership on what could be accomplished based on data delivery delays on the part of PG&E's vendor on the Light Detection and Ranging (LIDAR) data. (0.5) Met with M. Broida (KPMG) and L. Cai (KPMG) to discuss latest revisions to the Tree Assessment Tool (TAT) whitepaper and discuss the status of the field testing of the revised TAT. (2.5) Reviewed point-cloud and vector data provided by J. Vos (KPMG) as part of the Light Detection and Ranging (LIDAR) data files for 2018 to determine how the data would be used to build the necessary input pipelines for the proposed vegetation prioritization model.	4.0	\$ 400.00	\$ 1,600.00
Jeff Mahoney	10/07/19	(0.5) Meeting with Y. Yashu, A. Esler, J. Mahoney, M. Suga, E. Janes (KPMG) to walk through folder structure, file naming requirements for PG&E, python schedule.	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/07/19	(0.5) Preparation for model methodology meeting with PG&E	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/07/19	(1.8) Director review of python coding in conjunction with model methodology	1.8	\$ 435.00	\$ 783.00
Jon Guth	10/07/19	(.5) Review the technical topics and questions sent over to P. Baker (PG&E) and R. Griffith (PG&E) that we need addressed for the hosting application requirements, along with the final version of the technical architecture sent over.	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/07/19	(.6) Workstream 10/7 call for each team member to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas; A. Irwin (KPMG).	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/07/19	(.7) Updated Sprint Timeline as of 10/7for the Hosting Workstream	0.7	\$ 400.00	\$ 280.00
Jon Guth	10/07/19	(.8) Review Data Engineering Mapping document from E. Janes (KPMG) focusing on implications for the hosting architecture or application.	0.8	\$ 400.00	\$ 320.00

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Name	Date	Description	Hours	Rate	Amount
Jon Guth	10/07/19	(.9) Performed manager review of Technical Architecture Level 1 prior to being sent over to PG&E for their review	0.9	\$ 400.00	\$ 360.00
Jon Guth	10/07/19	(1.1) Performed manager review of the dependencies added to the work plan by T. Abbas and A. Irwin for the Technical Requirements/ Specifications.	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/07/19	(1.2) Review information collected along with data flow diagrams provided by J. Thalman (PG&E), A. Irwin , JD. Ross (KPMG) from the working session regarding the future user interface.	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/07/19	(1.6) Updated the work plan for the hosting workstream with status of activities as of 10/7, also planning out next steps for communication to PG&E	1.6	\$ 400.00	\$ 640.00
Jonathan White	10/07/19	(0.5) Managing director review of GNT to outage mapping approach in order to define path forward for bowtie	0.5	\$ 475.00	\$ 237.50
Jonathan White	10/07/19	(1.0) Presentation on modeling work completed to date for a discussion on potential enhancements going forward with A. Mani (KPMG)	1.0	\$ 475.00	\$ 475.00
Juan Gonzalez III	10/07/19	(1.0) Phase I quality assurance discussion regarding work completed to date as of 10/7. Attendees: D. Ross, J. White, A. Mani, G. Armstrong (KPMG)	1.0	\$ 500.00	\$ 500.00
Matt Broida	10/07/19	(0.3) Bowtie review, as of 10/7, with W. Brennan, F. Farbod (KPMG)	0.3	\$ 435.00	\$ 130.50
Matt Broida	10/07/19	(0.7) Governance review of budget and procedures to ensure compliance with PG&E requirements;	0.7	\$ 435.00	\$ 304.50
Matt Broida	10/07/19	(0.5) Obtained input from G. Thapan-Raina, A. Franke, R. Saboo (KPMG) on how to proceed given delayed PG&E LIDAR schedule; (0.2) Discussion with G. Thapan-Raina (KPMG) on revised milestones given LIDAR data delays; (1.3) Meeting with J. Vos (PG&E) on TAT and VP model; (3.9) Update the vegetation white paper to address J. White's (KPMG) review comments.	5.9	\$ 435.00	\$ 2,566.50
Matthew Bowser	10/07/19	Meeting to go over progress on the ECOP Engineering Review Final Summary Report and the Pole Integrity regression analysis with D. Cha (KPMG) and align expectations on next steps in the development of each work stream;	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/07/19	Meeting to discuss 2020 inspections planning approach and methodology with F. Shammo, T. DeGrande (KPMG) to discuss work plan and lessons learned.	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	10/07/19	Perform manager review of ECOP Final summary report outline developed by T. Anderson and D. Cha (KPMG).	1.8	\$ 400.00	\$ 720.00
Matthew Bowser	10/07/19	Continue, as of 10/07, to develop 2020 Inspections planning work plan	2.2	\$ 400.00	\$ 880.00
Matthew Bowser	10/07/19	Working session with J. Birch (PG&E) for 2020 inspections planning work plan	3.1	\$ 400.00	\$ 1,240.00

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Name	Date	Description	Hours	Rate	Amount
Miki Suga	10/07/19	(0.5) Meeting with Y. Yashu, A. Esler, J. Mahoney, M. Suga, E. Janes (KPMG) to walk through folder structure, file naming requirements for PG&E, python schedule.	0.5	\$ 400.00	\$ 200.00
Miki Suga	10/07/19	(1.0) Review drafted R code to model for one asset type class, specifically : including codes to prep data, do univariate analysis, split random sampling, build model, check assumptions, performance, validate the power.	1.0	\$ 400.00	\$ 400.00
Miki Suga	10/07/19	(2.0) Compare arithmetic average vs. geometric average to calculate the survival rate, concurrently research the pros and cons for each approach	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/07/19	(2.5) Perform manager review assumptions; specifically those required for Poisson, Negative Binomial, zero-inflated models, as well as process to validate the assumptions	2.5	\$ 400.00	\$ 1,000.00
Tanveer Abbas	10/07/19	(.5) Call with A. Irwin (KPMG) to discuss progress, plans for upcoming activity, any roadblocks	0.5	\$ 325.00	\$ 162.50
Tim Littman	10/07/19	(0.8) Participate meeting with J. White, D. Ross, D. Elmlblad, T. Littman, M. Xu (KPMG) E. Hass, E. Hillenbrand (Federal Monitor) to discuss model output and Alteryx workflow screenshots at the request of Federal Monitor (0.5) Meeting with J. White, D. Ross, D. Elmlblad, T. Littman, M. Xu to discuss the request from Federal Monitor (0.5) Participate meeting with D. Ross, D. Elmlblad, T. Littman, M. Xu (KPMG) to discuss potential questions of the Federal Monitor meeting	1.8	\$ 400.00	\$ 720.00
Will Brennan	10/07/19	(0.1) Corresponded with B. Wong (PG&E) to set up call regarding a revised DE bowtie approach;	0.1	\$ 325.00	\$ 32.50
Will Brennan	10/07/19	(0.2) Corresponded with D. Pant (PG&E) about complete DE bowtie approach and challenges for the data set going forward	0.2	\$ 325.00	\$ 65.00
Will Brennan	10/07/19	(0.3) Call with M. Broida (KPMG), F. Farzan (KPMG) and W. Brennan (KPMG) to discuss bowtie project status and developments;	0.3	\$ 325.00	\$ 97.50
Will Brennan	10/07/19	(0.3) Corresponded with J. Crowe (PG&E) and other PG&E individuals on the GNT team regarding their GNT tracker and attempted to clarify outstanding questions and issues;	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/07/19	(0.5) Finalizing Level 1 Tech Arch diagram and talking points for review with P. Baker (PG&E) and R. Griffith (PG&E)	0.5	\$ 325.00	\$ 162.50
Drew Esler	10/07/19	(0.5) Meeting with Y. Yashu, A. Esler, J. Mahoney, M. Suga, E. Janes (KPMG) to walk through folder structure, file naming requirements for PG&E, python schedule	0.5	\$ 325.00	\$ 162.50
Yaz Yuan	10/07/19	(0.5) Meeting with Y. Yashu, A. Esler, J. Mahoney, M. Suga, E. Janes (KPMG) to walk through folder structure, file naming requirements for PG&E, python schedule;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/07/19	0.6 Prepare proposed weekly agenda for working session with J. Birch (PG&E) and R. Movafagh (PG&E).;	0.6	\$ 325.00	\$ 195.00

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Name	Date	Description	Hours	Rate	Amount
Yaz Yuan	10/07/19	(0.8) Continued from earlier on 10/7 writing python code for Data Cleaning - Input	0.8	\$ 325.00	\$ 260.00
Will Brennan	10/07/19	(1.0) Call with B. Wong (PG&E) to discuss the DE bowtie and approach to the data;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/07/19	1.0 Review PG&E Utility Standard GOV-1038S for alignment with 2020 Inspection Plan.;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/07/19	1.0 Met with F. Shammo (KPMG) to further develop the work plan for the coming week update huddle boards.;	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/07/19	(1.0) Reviewed assigned portion of outage producing wind (OPW) workflows, concurrently documenting related data analysis and process	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/07/19	1.2 AMS Task 2 meeting with M. Bowser (KPMG) to discuss project	1.2	\$ 325.00	\$ 390.00
farbod Farzan	10/07/19	(1.5) Continuation, as of 10/7, development of the methodology for tranching overhead transmission outage data.	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/07/19	(1.5) Refined DE bowtie data by matching GNTs and outages through matching both across an appropriate gap in time;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/07/19	(1.5) Added descriptive tabs for the columns for both the GNTs and outages at the instruction of D. Pant (PG&E) for ease of use for future users of the DE data set;	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/07/19	Meeting to discuss 2020 inspections planning approach and methodology with M. Bowser, T. DeGrande (KPMG) to discuss work plan and lessons learned.	1.5	\$ 325.00	\$ 487.50
farbod Farzan	10/07/19	(2.0) Perform data cleansing of substation outage data in order to avoid duplicates.	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/07/19	(2.0) Adjusted DE bowtie dataset by matching GNTs and outages through incorporating distances according to various latitudes and longitudes of outages;	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/07/19	(2.0) Documented the model steps, concurrently developing regression fitting template	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/07/19	(2.0) Re-run the Distribution (Dx_ Model, concurrently documented the memory usage	2.0	\$ 325.00	\$ 650.00
Tanveer Abbas	10/07/19	(2.5) Developed initial wiki with all API details that are required in order to deliver the model based on API Requirements gathering.	2.5	\$ 325.00	\$ 812.50
Lucy Cai	10/07/19	2.7: Continued, from earlier on 10/7, aggregating all newly inspected trees using updated Tree Assessment Tool in new excel file and pulled in weather data and HTRS scoring based on AUTO ID	2.7	\$ 325.00	\$ 877.50
Marcus Xu	10/07/19	(3.0) Drafted variable importance for the SH / Vegetation prioritization model	3.0	\$ 325.00	\$ 975.00
Adrian Irwin	10/07/19	(3.1) Begin requirements gathering for assembling the AWS resources that can manage the data volumes used in this model.	3.1	\$ 325.00	\$ 1,007.50
Yaz Yuan	10/07/19	(3.4) Began developing python code for Data Cleaning - Input	3.4	\$ 325.00	\$ 1,105.00

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Yaz Yuan	10/07/19	(3.3) Began developing python code for Data Cleaning - Select and Filter	3.3	\$ 325.00	\$ 1,072.50
Drew Esler	10/07/19	(3.6) Continued, from earlier on 10/7 coding module 5 part 1 in object-oriented programming format within Python including reviewing all data files and assigning them to a key, value pair dictionary.	3.6	\$ 325.00	\$ 1,170.00
farbod Farzan	10/07/19	(3.7) Continuation, as of 10/7, developing transmission (Tx) overhead bowtie.	3.7	\$ 325.00	\$ 1,202.50
Lucy Cai	10/07/19	3.9: Aggregated all newly inspected trees using updated Tree Assessment Tool in new excel file and pulled in weather data and HTRS scoring based on AUTO ID	3.9	\$ 325.00	\$ 1,267.50
Drew Esler	10/07/19	(3.9) Began coding module 5 part 1 in object-oriented programming format within Python including reviewing all data files and assigning them to a key, value pair dictionary.	3.9	\$ 325.00	\$ 1,267.50
Brian Wei	10/07/19	(0.4) Reviewed conductor data, available as of 10/7, to be used for regression	0.4	\$ 275.00	\$ 110.00
Dennis Cha	10/07/19	1.0 Met with M. Bowser (KPMG) to discuss AMS Task 2 weekly activities as of 10/7, deliverables, risks and challenges relative to EC Optimization Program Project Management Office and other Task 2 activities.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/07/19	1.0 Meeting to go over progress on the ECOP Engineering Review Final Summary Report and the Pole Integrity regression analysis with M. Bowser, D. Cha, and T. Anderson (KPMG) and align expectations on next steps in the development of each work stream; Reviewed ECOP Compliance Plan data requests that resulted from the ECOP Compliance Plan meeting that PG&E held last Friday.	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/07/19	1.0 Completed a overview of capabilities review slide for update deck on Dx Model for pole asset tracking;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/07/19	1.0 Working session with T. DeGrande (KPMG) to further develop the work plan for the coming week update huddle boards;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/07/19	1.0 Created a High / Low priority development Plans in the work plan - developed slides for the next version.	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/07/19	1.0 Meeting to discuss progress on the ECOP Engineering Review Final Summary Report and the Pole Integrity regression analysis with M. Bowser, D. Cha (KPMG) and align expectations on next steps in the development of each work stream; Reviewed ECOP Compliance Plan data requests that resulted from the ECOP Compliance Plan meeting that PG&E held last Friday	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/07/19	(1.1) Reviewed outage producing wind (OPW) workflows	1.1	\$ 275.00	\$ 302.50

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Case No. 19-30088

Asset Management Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Dennis Cha	10/07/19	1.5 Performed analysis on compliance plan monitoring per request from M. Esguerra (PG&E), evaluating the open/close status of the EC tags between 8/1 compliance plan and current database.	1.5	\$ 275.00	\$ 412.50
Fran Shammo	10/07/19	1.5 Attend working session to discuss 2020 inspections planning approach and methodology with F. Shammo (KPMG), T. DeGrande (KPMG) and M. Bowser (KPMG) to review work plan and lessons learned.;	1.5	\$ 275.00	\$ 412.50
Brian Wei	10/07/19	(2.6) Test memory usage of all Alteryx workflows for DE impact model	2.6	\$ 275.00	\$ 715.00
Trent Anderson	10/07/19	3.1 Reviewed the latest datasets from Osmose, concurrently validating new pole integrity prioritizations via model; downloaded latest WWE Tableau output to determine new and completed pole replacements and repairs	3.1	\$ 275.00	\$ 852.50
Dennis Cha	10/07/19	3.6 Continued, as of 10/7, updating 2020 work plan memorandum pages 1-7 to document data input/output, analysis procedure, and notes.	3.6	\$ 275.00	\$ 990.00
Brian Wei	10/07/19	(3.8) Set up regression exploration / modeling code in R for predicting probability, count of outage for conductor data	3.8	\$ 275.00	\$ 1,045.00
Dennis Cha	10/07/19	3.9 Continued, as of 10/7, updating 2020 work plan deck slides 1-5 on work volume, notes, visualization based on comments from J. Birch, R. Blake, and J.C. Mathieson (all PG&E).	3.9	\$ 275.00	\$ 1,072.50
Trent Anderson	10/07/19	3.9 Continued, as of 10/4, developing the ECOP Final Summary report by creating key slides surrounding the ECOP process flow map and work stream development /	3.9	\$ 275.00	\$ 1,072.50
Juan Gonzalez III	10/08/19	(1.0) Prepared for 10/9 Modeling Meeting with PG&E. Attendees: D. Ross, M. Suga, M. Xu, J. White, A. Mani, J. Gonzalez III, J. Mahoney (KPMG). (1.0) Distribution (Dx) Risk Model-Math Review. Attendees: D. Ross, M. Suga, M. Xu, J. White, A. Mani, J. Gonzalez III, J. Mahoney (KPMG).	2.0	\$ 500.00	\$ 1,000.00
Jonathan White	10/08/19	(0.3) TAT field testing results review / analysis with M. Broida, G. Thapan Raina(KPMG)	0.3	\$ 475.00	\$ 142.50
Jonathan White	10/08/19	(0.5) Distribution risk model regression approach and options discussion with M. Suga, M. Xu, B. Wei, D. Ross, J. Gonzalez (KPMG)	0.5	\$ 475.00	\$ 237.50
Jeff Mahoney	10/08/19	0.3 Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, D. Ross, E. Janes (KPMG) to align as of 10/8 on work streams, dependencies, requests from PG&E	0.3	\$ 435.00	\$ 130.50
Matt Broida	10/08/19	(0.5) Bowtie update as of 10/8, discussion of next steps: W. Brennan, F. Farbod, A. Mani, J. White (KPMG);	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/08/19	0.5 Specialist director review of 10/8 version of draft technical working document	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/08/19	1.0 Meeting with D. Ross, J. White, M. Xu, M. Suga, J. Gonzalez (KPMG) to prepare for model review meeting with PG&E.	1.0	\$ 435.00	\$ 435.00

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Jeff Mahoney	10/08/19	1.2 Specialist director review of resource documentation requested by PG&E	1.2	\$ 435.00	\$ 522.00
Matt Broida	10/08/19	(0.5) Meeting to resolve TAT wind data issues with G. Thapan-Raina (KPMG), J. Vos and B. Kirk (PG&E); (0.5) Review of initial TAT field testing results with J. White, L. Cai, G. Thapan-Raina (KPMG); (1.0) Development of next steps and alternative vegetation milestones for M. Esguerra (PG&E) due to data delay issues; (0.2) Review of agenda / supporting slides for upcoming PG&E vegetation update meeting	2.2	\$ 435.00	\$ 957.00
David Ross	10/08/19	.2 Manager review of level 1 technical architecture for hosting application of Dx risk model	0.2	\$ 400.00	\$ 80.00
David Ross	10/08/19	0.3 Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, E. Janes (KPMG) to align as of 10/8 across sub-tasks on work streams, dependencies, requests from PG&E;	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 400.00	\$ 120.00
David Ross	10/08/19	.4 Team lead review of information collected on the team structure of the python coding team along with each team member's respective resumes for PG&E review	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/08/19	(.5) Reviewed updated timeline sent over from D. Ross (KPMG) that combines the three KPMG workstreams in advance of providing to PG&E	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/08/19	(.6) Hosting 10/8 workstream Call to discuss progress since last call, plans for upcoming activity, any roadblocks to progress with T. Abbas, Tanveer and A. Irwin.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/08/19	(.6) Manager review the PG&E Approval Document sent over from D. Ross (KPMG).	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/08/19	(.6) Manager review of new Wiki page set up by T. Abbas (KPMG) for documenting the Hosting Application requirements and API specifications.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/08/19	(.6) Reviewed responses from K. Visram (PG&E) regarding questions asked about the model's current user interface and its GIS data and database.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/08/19	(.7) Discussion with A. Irwin (KPMG) to discuss required skills for the web services developer, potential fit of several candidates for PG&E project	0.7	\$ 400.00	\$ 280.00
Jon Guth	10/08/19	(.8)Updated Sprint Plan with detail to specify activities within each sprint for the combined KPMG timeline.	0.8	\$ 400.00	\$ 320.00

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Jon Guth	10/08/19	(.8) Performed manager review of updates made to Technical Architecture diagram by A. Irwin (KPMG) to reflect which components PG&E is responsible for and which components KPMG will be supporting.	0.8	\$ 400.00	\$ 320.00
David Ross	10/08/19	1.0 Meeting with Quality Assurance Partner to analyze underlying algorithms and methodology for the distribution risk model in preparation for discussions with PG&E's enterprise operations risk management team, including M. Suga, M. Xu, J. White, J. Gonzalez, J. Mahoney (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/08/19	Working session with J. Brown and B. Nie (PG&E) to develop gap assessment for substation requirements.	1.1	\$ 400.00	\$ 440.00
David Ross	10/08/19	1.2 Drafted comprehensive timeline which combines the schedules of the three Task 1 subtasks, including coding and architecture design sprint schedules;	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/08/19	(1.3) Develop Acceptance Criteria for the hosting workstream, using input from A. Irwin	1.3	\$ 400.00	\$ 520.00
David Ross	10/08/19	1.3 Continue, as of 10/8, drafting documentation which compiles the distribution risk model methodology, python coding approach, timeline, technical architecture for PG&E's review / approval	1.3	\$ 400.00	\$ 520.00
Miki Suga	10/08/19	(1.5) Updated the Dx model documentation, as of 10/8, based on the internal meeting discussion regarding same	1.5	\$ 400.00	\$ 600.00
Daniel Elmlblad	10/08/19	1.0 - Developed / refined response for Federal Monitor team based upon feedback from KPMG team members; 1.0 - Reviewed DER mitigation and control data provided by A. Sanford (ACN) for inclusion in PG&E board presentation;	2.0	\$ 400.00	\$ 800.00
Eric Janes	10/08/19	(2.0) At the request of PG&E, prepare team summary and responsibilities	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/08/19	(2.0) Meeting with M. Xu, M. Suga, D. Ross, J. Gonzalez, J. Mahoney to continue to review math part of the Dx model documentation to prepare for the client meeting scheduled for Wednesday.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/08/19	Develop gap assessment tracker for use by T/D/S teams, concurrently normalizing responses.	2.1	\$ 400.00	\$ 840.00
David Ross	10/08/19	2.1 Continue, from earlier on 10/8, drafting documentation which compiles the distribution risk model methodology, python coding approach, timeline, technical architecture for PG&E's review and approval	2.1	\$ 400.00	\$ 840.00
David Ross	10/08/19	2.5 Continued follow up meeting with Quality Assurance Partner to analyze underlying algorithms and methodology for the distribution risk model in preparation for discussions with PG&E's enterprise operations risk management team, including M. Suga, M. Xu, J. White, J. Gonzalez, J. Mahoney (KPMG);	2.5	\$ 400.00	\$ 1,000.00
Eric Janes	10/08/19	(3) Review, concurrently documenting data engineering mapping for Protection Zone	3.0	\$ 400.00	\$ 1,200.00

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Eric Janes	10/08/19	(3.0) Review, concurrently documenting data engineering mapping for Egress	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/08/19	Attend morning session of 2020 Inspections Planning workshop led by R. Movafagh (PG&E). Focus on completion of new inspection gap assessments with Distribution team.	3.1	\$ 400.00	\$ 1,240.00
Matthew Bowser	10/08/19	Attend afternoon session of 2020 Inspections Planning workshop led by R. Movafagh (PG&E) (focus on gap assessment with transmission team).	3.5	\$ 400.00	\$ 1,400.00
Gaurav Thapan-Raina	10/08/19	(0.5) Met with B. Kirk (PG&E), S. Fairchild (PG&E) and M. Broida (KPMG) to discuss ongoing issues in incorporating wind speed data into the digitalized version of the Tree Assessment Tool. (0.5) Met with L. Cai (KPMG) to review initial output from the 26 trees that had been inspected by the PG&E Vegetation Management team using the revised Tree Assessment Tool (TAT). The raw data was reviewed during this meeting and a strategy was discussed to create the necessary analysis on PowerPoint. (0.5) Met with J. White M. Broida, L. Cai (KPMG) to review draft analysis/output on the 26 trees inspected by the PG&E Vegetation Management team. J. White and M. Broida provided feedback on the analysis and discussed additional insights that could be presented to PG&E senior management. (2.5) Conducted research on vegetation-related hyperspectral imagery and identify additional datasets that could ultimately be combined with hyperspectral imagery being collected by PG&E as part of its Vegetation Management inspection program. Hyperspectral imagery will play an indispensable role in engineering the vegetation prioritization model. As such, research was conducted on publicly-available data from the US Geological Survey and related websites to better understand how this data could ultimately be labeled and included in a potential model.	4.0	\$ 400.00	\$ 1,600.00
Miki Suga	10/08/19	(4.5) Meeting with M. Xu, M. Suga, D. Ross, J. Gonzalez, J. Mahoney to review math part of the Dx model documentation to prepare for the client meeting scheduled for Wednesday.	4.5	\$ 400.00	\$ 1,800.00
Will Brennan	10/08/19	(0.2) Corresponded with J. White (KPMG), D. Pant (PG&E), and F. Farzan (KPMG) on a revised DER bowtie approach given clarified information from I. Cheung (PG&E);	0.2	\$ 325.00	\$ 65.00
Adrian Irwin	10/08/19	(0.2) Refined the definition of tasks for each development sprint.	0.2	\$ 325.00	\$ 65.00
Adrian Irwin	10/08/19	(0.3) Continue, as of 10/8, to perform minor updates to the technical architecture diagram based on feedback from D. Ross (KPMG)	0.3	\$ 325.00	\$ 97.50

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Drew Esler	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 325.00	\$ 97.50
Tanveer Abbas	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/08/19	(0.3) Meeting with M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/08/19	(0.3) Prepare first draft of definition of the acceptance testing criteria for the hosting application at the request of D. Ross (KPMG)	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/08/19	(0.4) Perform required installation of git client from the IT store on my PG&E Citrix account.	0.4	\$ 325.00	\$ 130.00
Adrian Irwin	10/08/19	(0.4) Reviewing revised timeline sent by J. Guth (KPMG), as of 10/8, to assess feasibility, concurrently ordering development sprint timelines for the hosting application team.	0.4	\$ 325.00	\$ 130.00
Taylor DeGrande	10/08/19	0.5 Attended workshop breakout session with Transmission line of business to monitor their progress on deliverable development.;	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/08/19	(0.5) Review options regarding the selection of a code writing/development resource for the hosting application.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/08/19	(0.6) Drafted a bowtie project status update to be shared with both D. Pant (PG&E) and A. Mani (KPMG) with F. Farzan (KPMG) about current status on bowties, challenges and goals.	0.6	\$ 325.00	\$ 195.00
Tanveer Abbas	10/08/19	(0.6) Discussion with A. Irwin regarding progress as of 10/8, plans for upcoming activity, any roadblocks for potential discussion with client.	0.6	\$ 325.00	\$ 195.00
Adrian Irwin	10/08/19	(0.6) Discussion with T. Abbas regarding progress as of 10/8, plans for upcoming activity, any roadblocks to progress, for potential discussion with client.	0.6	\$ 325.00	\$ 195.00
Adrian Irwin	10/08/19	(0.8) Drafted an email for P. Baker, R. Griffith (PG&E) covering AWS Access / Coordination + Waldo Container	0.8	\$ 325.00	\$ 260.00
farbod Farzan	10/08/19	(1.0) Call with I. Cheung (PG&E), D. Pant (PG&E), W. Brennan (KPMG) to discuss the GNT tracker and clarify matters.	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/08/19	(1.0) Analysis of distribution outage dataset in order to map drivers and sub-drivers of outage causes to the outage events.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/08/19	(1.0) Call with I. Cheung (PG&E), D. Pant (PG&E), F. Farzan (KPMG) to discuss the GNT tracker and clarify outstanding issues with it;	1.0	\$ 325.00	\$ 325.00

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Taylor DeGrande	10/08/19	1.0 Update workshop agenda / overall work plan for discussion in Tuesday's workshop with client	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/08/19	1.0 2020 Electrical Inspection end of day meeting with M. Bowser,, F. Shammo (KPMG), & J. Birch (PG&E) to discuss progress made to date and hold a focus session on direction of project moving forward.;	1.0	\$ 325.00	\$ 325.00
Yaz Yuan	10/08/19	(1.0) Developed python code for Module 5 Data Cleaning - Select;	1.0	\$ 325.00	\$ 325.00
Adrian Irwin	10/08/19	(1.2) Collaborating with T. Abbas (KPMG) to build a master list of topics that need to be covered during our requirements gathering, concurrently documenting phase.	1.2	\$ 325.00	\$ 390.00
Taylor DeGrande	10/08/19	1.5 Continued 10/8 workshop attendance- discussed technology systems as applicable to 2020 Inspection Program lead by J. Birch (PG&E)	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/08/19	1.5 Developed technology process maps to align with team discussion from technology breakout session	1.5	\$ 325.00	\$ 487.50
Yaz Yuan	10/08/19	(1.6) Continued, from earlier on 10/8, development of python coding for Module 5 Data Cleaning - Filter and Replace	1.6	\$ 325.00	\$ 520.00
Yaz Yuan	10/08/19	(1.7) Writing python coding for Module 5 Data Cleaning - Unique.	1.7	\$ 325.00	\$ 552.50
Taylor DeGrande	10/08/19	2.0 Workshop breakout session- Reviewed technology requirements and brainstormed strategy with IT stakeholders led by J. Birch (PG&E)	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/08/19	(2.0) Conduct Dx model Math Review session with J. White, D. Ross, M. Suga, J. Gonzales	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/08/19	(2.5) Adjusted DE matching model in order to incorporate information from I. Cheung (PG&E) on the preferred distance metric for measuring outages and the appropriate time gap between an outage and an GNT;	2.5	\$ 325.00	\$ 812.50
farbod Farzan	10/08/19	(3.0) Analysis of the S&I dataset to calculate probability of certain events	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/08/19	(3.0) Analysis of the GNT tracker dataset to identify outages at transmission level which were caused because of DE.	3.0	\$ 325.00	\$ 975.00
Taylor DeGrande	10/08/19	3.0 Attended 2020 Inspection and Maintenance Workshop: Kick-off meeting to level set with Transmission, Distribution, and Substation line of business representatives for development of 2020 Inspection plan led by J. Birch (PG&E) and R. Movafagh (PG&E).;	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/08/19	(3.0) Documented eight asset class datasets data limitation including missing values, value distribution, total number of observations	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/08/19	(3.0) Researched method to apply the survival curve framework to the Dx model asset FE	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/08/19	(3.0) V1 Application dataflow documentation with wiki concurrently documenting dataflow and possible bottlenecks.	3.1	\$ 325.00	\$ 1,007.50

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Lucy Cai	10/08/19	3.3: Updated weekly budget tracker, as of 10/8, to show current status of hours and expenses in relation to prior weeks for communication to PG&E	3.3	\$ 325.00	\$ 1,072.50
Will Brennan	10/08/19	(3.4) Matched new GNT events to outage events via ILIS numbers in order to finalize data set for DE bowtie;	3.4	\$ 325.00	\$ 1,105.00
Yaz Yuan	10/08/19	(3.4) Began developing python coding for Module 5 Data Cleaning - Filter and Replace	3.4	\$ 325.00	\$ 1,105.00
Drew Esler	10/08/19	Continued, as of 10/8, coding module 5 part 1 for python code in object-oriented programming format to provide the code in a reusable format so that small changes will only need to be made for future tuning.	3.8	\$ 325.00	\$ 1,235.00
Drew Esler	10/08/19	Completed coding module 5 part 1 for python code in object-oriented programming format, providing code in a reusable format so that small changes will only need to be made for future tuning.	3.9	\$ 325.00	\$ 1,267.50
Lucy Cai	10/08/19	3.4: Created Alteryx workflow to assign wind scores to latitude and longitude points based on mean and standard deviations of average maximum wind speeds 3.2: Updated placemat for methodology of Tree Assessment Tool process	6.6	\$ 325.00	\$ 2,145.00
Trent Anderson	10/08/19	0.2 Pole Integrity Huddle meeting modifications to setup and establish a regular cadence per J. Birch's (PG&E) request	0.2	\$ 275.00	\$ 55.00
Brian Wei	10/08/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/8	0.3	\$ 275.00	\$ 82.50
Fran Shammo	10/08/19	0.5 Development of "Preview of New Manual Table Of Content" slide for tomorrows huddle deck;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/08/19	0.5 Revisions to the "Preview of New Manual Table of Content" post feed back.;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/08/19	1.0 At request of client attended Electric System Inspection and Maintenance requirements and plan (2020 and beyond) SRCC - San Ramon Conference Center review of New Inspect Overview;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/08/19	1.0 At request of client attended Electric System Inspection and Maintenance requirements and plan (2020 and beyond) SRCC - San Ramon Conference Center focus on Sherlock system and its operational potentials;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/08/19	1.0 Session with transmission ETPM huddle / breakout meeting to review progress and gage whether the team was following instruction of PMO.;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/08/19	1.0 Attended meeting conducted by R. Movafagh (PG&E) with transmission ETPM huddle breakout to help the team better align with instruction of PMO and the tasks needed to be completed.	1.0	\$ 275.00	\$ 275.00

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Fran Shammo	10/08/19	1.0 Met with transmission ETPM huddle / breakout meeting to review progress, discuss guidance of R. Movafagh (PG&E).	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/08/19	1.0 Meeting with M. Bowser (KPMG), T DeGrande (KPMG) & J. Birch (PG&E) to discuss progress made to date and hold a focus session on direction of project moving forward.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/08/19	1.1 Discussed 2020 work plan asset strategy and next steps on work plan update with J. Birch (PG&E).	1.1	\$ 275.00	\$ 302.50
Fran Shammo	10/08/19	1.5 Consolidate information collected from PG&E meetings attended earlier in the day, concurrently revising Huddle Board Progress Tracker for tomorrows presentation;	1.5	\$ 275.00	\$ 412.50
Brian Wei	10/08/19	(1.5) Developed multiple exploratory plots for regressions of conductors to predict number of outages	1.5	\$ 275.00	\$ 412.50
Brian Wei	10/08/19	(1.7) Review probability calculation methodology under assumptions of independence / dependence	1.7	\$ 275.00	\$ 467.50
Brian Wei	10/08/19	(1.8) Review updated methodology for DE impact model	1.8	\$ 275.00	\$ 495.00
Trent Anderson	10/08/19	2.0 Regression modeling working session with D. Cha (KPMG) to discuss strategies on manipulating the dataset	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/08/19	(2.2) Review R code for conductor regression for DE impact model	2.2	\$ 275.00	\$ 605.00
Fran Shammo	10/08/19	2.5 At request of client attended Electric System Inspection and Maintenance requirements and plan (2020 and beyond) SRCC - San Ramon Conference Center focus on each team (T/D/S) status;	2.5	\$ 275.00	\$ 687.50
Brian Wei	10/08/19	(2.5) Participated in meeting with J. White, D. Ross, J. Gonzalez, M. Xu, M. Suga to discuss DE impact model assumptions, probability calculations, regression options	2.5	\$ 275.00	\$ 687.50
Trent Anderson	10/08/19	3.6 Developed Multivariate Linear Regressions for Pole Test & Treat to understand the drivers and variables that impact a failed Pole Test & Treat test for the Pole Integrity Model /	3.6	\$ 275.00	\$ 990.00
Trent Anderson	10/08/19	3.7 Developed Logistic Regression model for Pole Test & Treat to determine binary pass and fail analysis on variables impacting the Pole Test & Treat aspect of the Pole Integrity Model /	3.7	\$ 275.00	\$ 1,017.50
Dennis Cha	10/08/19	3.8 Aggregated pole test and treat data, Pronto data, and specific pole data into a single file and annotated them for the use in PIA model regression study per request from J. Birch (PG&E).	3.8	\$ 275.00	\$ 1,045.00
Dennis Cha	10/08/19	3.9 Reviewed / updated the preliminary structure and content of EC Optimization Program final summary deck, a final deliverable for EC Optimization Program.	3.9	\$ 275.00	\$ 1,072.50
Arun Mani	10/09/19	(d)Principal review, as of 10/9, of bow tie update spreadsheet	0.5	\$ 500.00	\$ 250.00

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Name	Date	Description	Hours	Rate	Amount
Reid Tucker	10/09/19	(0.5) Meeting Attendees - Reid Tucker, Scott Stoddard, M. Bowser, Dennis Cha - Review task to deliverables for ECOP draft	0.5	\$ 500.00	\$ 250.00
Juan Gonzalez III	10/09/19	Distribution Risk Model Analysis Quality Assurance QA review. Attendees: J. Gonzalez III and D. Ross (KPMG)	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/09/19	PG&E Modeling Feedback Discussion. Attendees: D. Ross, J. Gonzalez III, J. White, B. Wei, M. Xu, M. Suga (KPMG)	2.0	\$ 500.00	\$ 1,000.00
Arun Mani	10/09/19	1.0 meeting with J. Gonzalez, J. White, D. Ross (KPMG) for quality assurance review of work completed to date for PG&E and identify potential risks for continued successful delivery of project scope	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/09/19	PG&E Dx Model Methodology Working session Briefing. Attendees: David White, A. Mani, G. Armstrong, J. White, J. Gonzalez III (KPMG).	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/09/19	(e)Bowtie discussion with F. Farzan, W. Brennan (KPMG)	2.0	\$ 500.00	\$ 1,000.00
Jonathan White	10/09/19	(1.1) Continued, from earlier on 10/9, meeting with D. Ross, M. Suga, M. Xu, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	1.1	\$ 475.00	\$ 522.50
Jonathan White	10/09/19	Meeting with M. Suga, M. Xu, D. Ross, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	3.9	\$ 475.00	\$ 1,852.50
Jeff Mahoney	10/09/19	(0.3) Meeting with A. Esler, Y. Yuan, E. Janes (KPMG) to discuss python progress, working locations, impact of PG&E competing priorities	0.3	\$ 435.00	\$ 130.50
Matt Broida	10/09/19	(0.9) Director review as of 10/9 of bow-tie update	0.9	\$ 435.00	\$ 391.50
Matt Broida	10/09/19	(0.6) Preparation / updates of AMS reporting templates for ultimate communication to PG&E	0.6	\$ 435.00	\$ 261.00
Matt Broida	10/09/19	(1.0) Updated TAT check-in agenda /materials in advance of upcoming meeting with client; (1.0) Led Tree Assessment Tool check-in at request of PG&E with K. Loomis (PG&E), L. Cai, G. Thapan-Raina(KPMG); (1.8) Prepared vegetation update material for M. Esguerra (PG&E); (1.0) Reviewed TAT vs. HTRS assessment comparison results and updates to reporting material:	3.8	\$ 435.00	\$ 1,653.00
Eric Janes	10/09/19	(0.3) Meeting with A. Esler, J. Mahoney, Y. Yuan (KPMG) to discuss python progress, working locations, impact of PG&E competing priorities	0.3	\$ 400.00	\$ 120.00
David Ross	10/09/19	.4 analyze requirements for user interface by PG&E in order to determine outstanding information to develop mitigation and archiving scenarios	0.4	\$ 400.00	\$ 160.00

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Name	Date	Description	Hours	Rate	Amount
Daniel Elmlad	10/09/19	0.5 - Discussion via phone with J. White, M. Xu (KPMG) to finalize responses for Federal Monitor team	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/09/19	(0.5) meeting with A. Irwin, D. Ross (KPMG) to discuss the model performance and error handling	0.5	\$ 400.00	\$ 200.00
David Ross	10/09/19	.5 call with A. Irwin and E. Janes (KPMG) to discuss notifications within distribution risk model and anticipated PG&E desired User Interface	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/09/19	(0.6) Performed verification of data engineering mapping document for Protection Zone	0.6	\$ 400.00	\$ 240.00
David Ross	10/09/19	.6 discussion with J. White (KPMG) regarding strategy to present math underlying distribution risk model methodology to PG&E's quantitative team	0.6	\$ 400.00	\$ 240.00
Miki Suga	10/09/19	(1.0) Research the supporting articles and proofs for the response to the feedback, concurrently summarizing.	1.0	\$ 400.00	\$ 400.00
David Ross	10/09/19	1.0 meeting with J. Gonzalez, J. White, A. Mani (KPMG) for quality assurance review of work completed to date for PG&E and identify potential risks for continued successful delivery of project scope	1.0	\$ 400.00	\$ 400.00
Miki Suga	10/09/19	(1.1) Continued, from earlier on 10/9, meeting with J. White, D. Ross, M. Xu, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	1.1	\$ 400.00	\$ 440.00
David Ross	10/09/19	(1.1) Continued, from earlier on 10/9, meeting with J. White, M. Suga, M. Xu, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	1.1	\$ 400.00	\$ 440.00
David Ross	10/09/19	1.5 analyze REAX data provided by PG&E to determine alternative DE spread metrics for distribution risk model	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	10/09/19	Review responses from T/D/S gap assessments, concurrently normalizing data for comparison and gap closure.	1.9	\$ 400.00	\$ 760.00
Miki Suga	10/09/19	(2.0) R code review session for conductor regression with M. Xu, B. Wei, also discussing methods to validate model	2.0	\$ 400.00	\$ 800.00
David Ross	10/09/19	2.1 Updated documentation as of 10/9 which compiles the distribution risk model methodology, python coding approach, timeline, technical architecture for PG&E's review and approval	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/09/19	Attend morning session of 2020 Inspections planning working session at PG&E	2.9	\$ 400.00	\$ 1,160.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	10/09/19	(3.6) Reviewed close-to-final draft of the Tree Assessment Tool (TAT) whitepaper prior to it being shared with the PG&E Vegetation Management team. The main revisions/adds to the whitepaper in this round of reviews included elaborating on the wind data scoring methodology and how that was being included in the digitalization of the tool and reviewing the updated tool benchmarking sections comparing the revised Tree Assessment Tool to other tree analysis tools recommended by agencies such as the US Forestry Service.	3.6	\$ 400.00	\$ 1,440.00
Eric Janes	10/09/19	(3.8) Began verifying data engineering mapping document for Egress	3.8	\$ 400.00	\$ 1,520.00
Matthew Bowser	10/09/19	Attend afternoon session of 2020 inspection planning working session with focus on normalizing responses to inspection questionnaire requirements between T/D/S.	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/09/19	Meeting with J. White, M. Xu, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	3.9	\$ 400.00	\$ 1,560.00
David Ross	10/09/19	Meeting with M. Suga, M. Xu, J. White, B. Wei regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	3.9	\$ 400.00	\$ 1,560.00
Gaurav Thapan-Raina	10/09/19	(3.9) Re-ran and reviewed analysis on the field testing results on 26 trees evaluated by PG&E field inspectors. Revised PowerPoint slides to add additional categories (i.e., trees that had previously been evaluated by the Hazard Tree Reporting System (HTRS) tool and had been marked as "use professional judgement" regarding an abate or no-abate decision and subsequently recommended as "abate" by the revised Tree Assessment Tool). Identified and notated additional insights that were emerging from the data. (0.5) Met with K. Loomis (PG&E), M. Broida (KPMG) and L. Cai (KPMG) to discuss initial field testing results on the revised Tree Assessment Tool (TAT) and obtained feedback from K. Loomis (PG&E) on comparisons between the revised Tree Assessment Tool and the Hazard Tree Reporting System (HTRS).	4.4	\$ 400.00	\$ 1,760.00
Tanveer Abbas	10/09/19	(.3) Call with A. Irwin (KPMG) to discuss progress as of 10/9, plans for upcoming activity, any roadblocks to address to ensure continued alignment with client priorities.	0.3	\$ 325.00	\$ 97.50

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Name	Date	Description	Hours	Rate	Amount
Adrian Irwin	10/09/19	(0.3) Repeat required installation attempt for git client from the IT store on my PG&E Citrix account.	0.3	\$ 325.00	\$ 97.50
Drew Esler	10/09/19	(0.3) Meeting with J. Mahoney, Y. Yuan, E. Janes (KPMG) to discuss python progress, working locations, impact of PG&E competing priorities	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/09/19	(0.5) Morning check-in with D. Pant (PG&E), F. Farzan (KPMG), and W. Brennan (KPMG) to discuss bowtie status and developments as of 10/9	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/09/19	(0.5) Morning check-in as of 10/9 with D. Pant (PG&E), F. Farzan (KPMG) to discuss bowtie status and developments;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/09/19	0.5 Reviewing revisions of Technology based IT enablement / development execution enhanced process workflow draft with F. Shammo (KPMG).;	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/09/19	(0.5) - Call with PG&E support in order to obtain Citrix access	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/09/19	(0.5) Simulation model discussion with D. Ross (KPMG), E. Janes (KPMG), A. Irwin (KPMG)	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/09/19	0.8 Further refinement of draft 2020 inspection work plan for J. Birch (PG&E) and R. Movafagh (PG&E) review related to PMO responsibility of oversight for 2020 Inspection planning.;	0.8	\$ 325.00	\$ 260.00
Yaz Yuan	10/09/19	(0.8) Continued from earlier on 10/9 writing python coding for Module 5 DataGrouping - Join	0.8	\$ 325.00	\$ 260.00
Yaz Yuan	10/09/19	(0.9) Continued from earlier on 10/9 testing / debugging to finish Module 5 python code.	0.9	\$ 325.00	\$ 292.50
Taylor DeGrande	10/09/19	1.0 Update workshop agenda and overall work plan for discussion in Wednesday's workshop with client	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/09/19	1.0 2020 Electric System Inspections check-in line of business (LOB) lead meeting led by J. Birch (PG&E) with M. Bowser, F. Shammo (KPMG) also in attendance.;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/09/19	1.0 Further development, as of 10/9, of technology process maps to align with technology discussion from technology working session.	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/09/19	1.0 End of day focus meeting to review progress and next steps for PMO as well as organize calls for following day with and J. Birch (PG&E), M. Bowser, F. Shammo (KPMG).	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/09/19	(1.2) Manually categorized GNTs as to whether or not they would be included in the DE bowtie given comments from both old and new GNT trackers from PG&E.	1.2	\$ 325.00	\$ 390.00
Lucy Cai	10/09/19	1.3: Continued, from earlier on 10/9, adding additional inspected trees to database of HTRS vs. TAT trees to determine variance in abatement	1.3	\$ 325.00	\$ 422.50
Adrian Irwin	10/09/19	(1.6) Draft requirements gathering with the ArcGIS server and current query parameters.	1.6	\$ 325.00	\$ 520.00
farbod Farzan	10/09/19	(2.0) Working session with D. Pant (PG&E), R. Benefiel (PG&E) and P. Torres (PG&E) to discuss methodology to trench substation outage dataset.	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Marcus Xu	10/09/19	(2.0) R code review session for conductor regression with M. Suga, B. Wei, also discussing methods to validate model	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/09/19	(2.5) Continuation, as of 10/9, of analysis of GNT tracker dataset to identify outages at transmission level which were caused because of DE.	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/09/19	2.5 Continued attending workshop working session to discuss technology systems as applicable to 2020 Inspection Program led by J. Birch (PG&E).;	2.5	\$ 325.00	\$ 812.50
Tanveer Abbas	10/09/19	(2.5) - Continued, from earlier on 10/9, researching how Seldon is going to ingest data from Python thoroughly analyzing the Waldo diagram provided by PG&E.	2.5	\$ 325.00	\$ 812.50
Adrian Irwin	10/09/19	(2.6) Draft requirements gathering around the possible database choices that can satisfy the needs for the model.	2.6	\$ 325.00	\$ 845.00
farbod Farzan	10/09/19	(3.0) Continuation, as of 10/9, analysis of S&I dataset to calculate probability of certain events.	3.0	\$ 325.00	\$ 975.00
Taylor DeGrande	10/09/19	3.0 Workshop working session on technology systems as applicable to 2020 Inspection Program led by J. Birch (PG&E) and other PG&E technology resources.;	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/09/19	(3.0) Developed code in R for conductor outage analysis; Including various regression testing, model performance comparison, explanatory data analysis.	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/09/19	(3.0) Drafted answers to respond PG&E questions (C. Izard) regarding the DE impact model methodology	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/09/19	(3.0) Reviewed PG&E questions (C. Izard) regarding the DE impact model methodology and brainstormed probability independency validity	3.0	\$ 325.00	\$ 975.00
Yaz Yuan	10/09/19	(3.1) Perform testing / debugging to finalize Module 5 python code	3.1	\$ 325.00	\$ 1,007.50
Yaz Yuan	10/09/19	(3.2) Writing python coding for Module 5 Data Grouping - Join	3.2	\$ 325.00	\$ 1,040.00
Will Brennan	10/09/19	(3.3) Reviewed old DE GNT tracker for duplicates, concurrently cleaning data to be matched with distribution outages for use in the DE bowtie;	3.3	\$ 325.00	\$ 1,072.50
Tanveer Abbas	10/09/19	(3.4) - Researched how Seldon is going to ingest data from Python thoroughly analyzing the Waldo diagram provided by PG&E.	3.4	\$ 325.00	\$ 1,105.00
Will Brennan	10/09/19	(3.7) Revised outage spreadsheet to incorporate matched distribution outages, concurrently connecting the subdrivers and drivers to the DE event for the new GNT tracker;	3.7	\$ 325.00	\$ 1,202.50
Drew Esler	10/09/19	Began coding module 5 part 2 in object-oriented programming format within Python. This section entails all the data preparation steps prior to unioning all the different dataframes together. Due to the previous state of the model in Alteryx, a decent amount of the workstream is hard-coded and required re-formatting.	3.7	\$ 325.00	\$ 1,202.50

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Name	Date	Description	Hours	Rate	Amount
Lucy Cai	10/09/19	3.8: Added additional inspected trees to database of HTRS vs. TAT trees to determine variance in abatement	3.8	\$ 325.00	\$ 1,235.00
Drew Esler	10/09/19	Continued, as of 10/9, coding module 5 part 2 in object-oriented programming format within Python (this section entails all the data preparation steps prior to unioning all the different dataframes together)	3.8	\$ 325.00	\$ 1,235.00
Trent Anderson	10/09/19	0.3 Task 2 check in with M. Bowser (KPMG) to discuss next steps in the Alteryx Pole Integrity Model migration	0.3	\$ 275.00	\$ 82.50
Fran Shammo	10/09/19	0.5 Reviewed revisions of Technology based IT enablement / development execution enhanced process workflow draft with T DeGrande (KPMG);	0.5	\$ 275.00	\$ 137.50
Trent Anderson	10/09/19	0.5 Perform Pole Integrity Assessment summary deck updates per last weeks meeting with J. Birch and T. Pazdan (PG&E) and M. Bowser (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/09/19	1.0 Working session with transmission ETPM huddle / breakout meeting to assist the team with filling out their Gap analysis chart as instructed by PMO;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/09/19	1.0 Attended 2020 Electric System Inspections WebEx with M. Bowser, T. DeGrande (KPMG) led by J. Birch (PG&E);	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/09/19	1.0 2020 Electric System Inspections focus meeting with J. Birch (PG&E) to review progress, next steps for PMO role, discuss calls for following day with T DeGrande, M. Bowser (KPMG)	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/09/19	1.0 Development of supporting work paper documentation for the multivariate / logistic regression models	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/09/19	(1.0) Performed analysis regarding R code of regression modeling process	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/09/19	1.1 Continued development of the ECOP Final Report Summary deck to add details to stakeholders, system hardening, removals, and providing process flow details for each work stream /	1.1	\$ 275.00	\$ 302.50
Brian Wei	10/09/19	(1.1) Continued, from earlier on 10/9, meeting with J. White, D. Ross, M. Suga, M. Xu regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	1.1	\$ 275.00	\$ 302.50
Dennis Cha	10/09/19	1.2 Meeting to discuss the current progress of the ECOP Engineering Review Final Summary Report with M. Bowser and D. Cha (KPMG); went over entire report and validated content on slides, discussed visual aids to supplement data for ECOP-related metrics, and assessed the content for overall accuracy and completion.	1.2	\$ 275.00	\$ 330.00

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Name	Date	Description	Hours	Rate	Amount
Trent Anderson	10/09/19	1.3 Meeting to discuss the current progress of the ECOP Engineering Review Final Summary Report with M. Bowser, D. Cha (KPMG); went over entire report and validated content on slides, discussed visual aids to supplement data for ECOP-related metrics, and assessed the content for overall accuracy and completion.	1.3	\$ 275.00	\$ 357.50
Fran Shammo	10/09/19	1.5 Substation EDPM huddle / breakout meeting with B. Nie (PG&E) to assist with the build out of the gap analysis spreadsheet;	1.5	\$ 275.00	\$ 412.50
Brian Wei	10/09/19	(1.8) Documented rationale of probability calculation at the asset level among various factors for DE impact model;	1.8	\$ 275.00	\$ 495.00
Fran Shammo	10/09/19	2.0 Attended Electric System Inspection and Maintenance requirements and plan (2020 and beyond) Concord meeting at the direction of the client	2.0	\$ 275.00	\$ 550.00
Fran Shammo	10/09/19	2.0 Session with transmission ETPM huddle / breakout to continue review of progress to date, next steps.	2.0	\$ 275.00	\$ 550.00
Fran Shammo	10/09/19	2.0 Preparing diagram on Technology based IT enablement / development execution enhanced process workflow draft.;	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/09/19	(2.0) Created Alteryx workflow to calculate probability of FE caused by trees for DE impact model;	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/09/19	(2.2) Coded model validation steps for multiple types of regression in R for DE impact model	2.2	\$ 275.00	\$ 605.00
Dennis Cha	10/09/19	3.7 Continued, as of 10/9, performing analysis on EC tag monitoring, focusing on EC Optimization Program-identified Priority H tags that are not currently in Priority H status in the system.	3.7	\$ 275.00	\$ 1,017.50
Trent Anderson	10/09/19	3.7 Began transferring the Excel-based Pole Integrity Model over to Alteryx in order to optimize the entire process of data input, data analysis, and results output in a repeatable and auditable process	3.7	\$ 275.00	\$ 1,017.50
Dennis Cha	10/09/19	3.8 Continued, as of 10/9, updating the draft of EC Optimization Program final summary deck slides 1-10, focusing on the overview and data input.	3.8	\$ 275.00	\$ 1,045.00
Trent Anderson	10/09/19	3.8 Development of the ECOP Final Report Summary deck to add details to stakeholders, system hardening, removals, and providing process flow details for each work stream /	3.8	\$ 275.00	\$ 1,045.00
Brian Wei	10/09/19	Meeting with J. White, M. Suga, M. Xu regarding the DE impact model to develop answers to client's (C. Izard) questions . Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	3.9	\$ 275.00	\$ 1,072.50
Arun Mani	10/10/19	(c) Review of email documentation from C. Izard and Y. Oum (PG&E) relating to project questions	1.0	\$ 500.00	\$ 500.00

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	10/10/19	(2.0) PG&E Modeling Feedback Discussion. Attendees: D. Ross, J. White, B. Wei, M. Xu, M. Suga, A. Mani (KPMG). (0.5) PG&E Dx Model Methodology Working session Briefing. Attendees: David White, A. Mani, G. Armstrong, J. White, J. Gonzalez III (KPMG).	2.5	\$ 500.00	\$ 1,250.00
Jonathan White	10/10/19	(0.8) Continued from earlier on 10/10, participating in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, D. Ross, M. Suga, M. Xu, B. Wei (KPMG) Topics included calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods)	0.8	\$ 475.00	\$ 380.00
Jonathan White	10/10/19	(3.9) Participated in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, D. Ross, M. Suga, M. Xu, B. Wei (KPMG). Topics include calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods	3.9	\$ 475.00	\$ 1,852.50
Matt Broida	10/10/19	(0.9) Update, as of 10/10, to AMS budget / reporting for weekly update to PG&E	0.9	\$ 435.00	\$ 391.50
Matt Broida	10/10/19	(0.5) Review of signed SME letter from J. Reimer (Cal Poly); (1.1) Met with D. Kida (PG&E) for white paper review and feedback along with L. Cai, G. Thapan-Raina (KPMG); (0.3) Discussion on vegetation white paper feedback with K. Loomis (PG&E); (0.3) Review, note revisions to TAT benchmarking slides for L. Cai (KPMG); (3.8) White paper updates per discussions with K. Loomis and D. Kida (PG&E); (1.4) Completed vegetation updated materials for M. Esguerra (PG&E); (1.1) Updated and finalized Veg update for M. Esguerra (PG&E)	7.1	\$ 435.00	\$ 3,088.50
Eric Janes	10/10/19	(0.2) Prepare Data Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	0.2	\$ 400.00	\$ 80.00
David Ross	10/10/19	.3 analyze budget forecast, concurrently update based upon anticipated workload for Task 1 team members	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/10/19	(.4) Updated KPMG project timeline, as of 10/10, with additional activity language for the hosting workstream provided by A. Irwin and sent to D. Ross	0.4	\$ 400.00	\$ 160.00
David Ross	10/10/19	.4 draft updates to weekly status update in order to update PG&E leadership on Task 1 progress to date	0.4	\$ 400.00	\$ 160.00

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Name	Date	Description	Hours	Rate	Amount
Eric Janes	10/10/19	(0.5) Meeting with D. Ross, J. White, J. Guth (KPMG) to discuss status update, accomplishments, challenges	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/10/19	(.5) 10/10 workstream call to discuss progress since last call, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A. Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/10/19	.5 KPMG team managers discussion with J. Mahoney, E. Janes, D. Ross, J. White (KPMG) to review accomplishments from the week, establish goals for the upcoming week, identify roadblocks or outstanding data requirements from PG&E	0.5	\$ 400.00	\$ 200.00
David Ross	10/10/19	.5 KPMG team managers discussion with J. Mahoney, E. Janes, J. Guth, J. White (KPMG) to review accomplishments from the week, establish goals for the upcoming week, identify roadblocks or outstanding data requirements from PG&E	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/10/19	(.6) Reviewed current status of work plan activities and updated accordingly to provide update to PG&E	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/10/19	(.7) Review Sample code snippets sent by A. Irwin (KPMG) to E. Janes for sample Python Warnings, Error and Exceptions messages.	0.7	\$ 400.00	\$ 280.00
Miki Suga	10/10/19	(0.8) Continued, from earlier on 10/10, participating in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, D. Ross, J. White, M. Xu, B. Wei (KPMG) Topics included calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods)	0.8	\$ 400.00	\$ 320.00
David Ross	10/10/19	(0.8) Continued from earlier on 10/10, participating in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, J. White, M. Suga, M. Xu, B. Wei (KPMG) Topics included calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods)	0.8	\$ 400.00	\$ 320.00
David Ross	10/10/19	1.1 Based on team working session discussions, drafted responses to PG&E quantitative team questions on distribution risk model	1.1	\$ 400.00	\$ 440.00
Miki Suga	10/10/19	(1.3) Performed revisions to the feedback documentation based on the team meetings, concurrently finalizing the feedback documentation	1.3	\$ 400.00	\$ 520.00
Jon Guth	10/10/19	(1.3) Reviewed, concurrently provided revisions to the PG&E Approval Document requested by D. Ross.	1.3	\$ 400.00	\$ 520.00

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Gaurav Thapan-Raina	10/10/19	(0.5) Conducting meeting with M. Broida, L. Cai (KPMG) to discuss the scoring methodology for the revised Tree Assessment Tool (TAT) and incorporating that into the whitepaper. (0.6) Met with D. Kida (PG&E), M. Broida (KPMG) and L. Cai (KPMG) to review the TAT whitepaper and obtain feedback from D. Kida (PG&E). The meeting clarified questions around CPUC guidelines on tree clearing that needed to be included in the whitepaper and data limitations that may have impacted the predictive analytics models developed during the previous phase of the project. (0.5) Met with M. Broida (KPMG) and L. Cai (KPMG) to discuss changes made to the scoring methodology to be included in the Tree Assessment Tool (TAT) whitepaper.	1.6	\$ 400.00	\$ 640.00
Jon Guth	10/10/19	(1.6) Manager review of updates to the Hosting API technical specifications added by T. Abbas to our Wiki pages.	1.6	\$ 400.00	\$ 640.00
Miki Suga	10/10/19	(2.0) Meeting with M. Xu, M. Suga, D. Ross, J. Gonzalez, J. Mahoney to review the math portion of our response to the feedback from PG&E.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/10/19	Develop work plan template to convert identified gaps into actionable / trackable data for T/D/S	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/10/19	Attend morning session of 2020 inspections planning program to introduce work plan template to T/D/S teams for work plan development.	3.3	\$ 400.00	\$ 1,320.00
Eric Janes	10/10/19	(3.7) Prepare Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	3.7	\$ 400.00	\$ 1,480.00
Matthew Bowser	10/10/19	Attend afternoon session of 2020 inspection program working session led by R. Movafagh (PG&E) with focus on distribution work plan development in revised template	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/10/19	(3.9) Participated in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, J. White, D. Ross, M. Xu, B. Wei (KPMG). Topics include calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods:	3.9	\$ 400.00	\$ 1,560.00
Eric Janes	10/10/19	(3.9) Prepare Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	3.9	\$ 400.00	\$ 1,560.00

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David Ross	10/10/19	3.9 Participated in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, J. White, D. Ross, M. Suga, M. Xu, B. Wei (KPMG). Topics include calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods	3.9	\$ 400.00	\$ 1,560.00
Gaurav Thapan-Raina	10/10/19	(3.8) At the request of M. Broida (KPMG), revised sections of the TAT whitepaper pertaining to the scoring methodology, exploratory data analysis and predictive analytics. The changes included additional detail on the steps performed in processing, analyzing and presenting the data, including references to specific versions of datasets provided by the PG&E Vegetation Management team and additional illustrations not previously included. (2.6) Prepared presentation for M. Esguerra (PG&E) and S. Singh (PG&E) outlining a) initial results from the field testing of the revised Tree Assessment Tool (TAT) and b) strategy for preparing a blueprint of the vegetation prioritization model based on Light Detection and Ranging (LIDAR) data currently available.	6.4	\$ 400.00	\$ 2,560.00
Will Brennan	10/10/19	(0.3) Corresponded with J. Murata (PG&E) and D. Gregory (PG&E) about Task 2 events and how they are recorded in both transmission and distribution systems;	0.3	\$ 325.00	\$ 97.50
Tanveer Abbas	10/10/19	(0.3) Call with A. Irwin (KPMG) regarding progress as of 10/10, plans for upcoming activity, any roadblocks to progress for possible discussion with PG&E.	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/10/19	(0.3) Call with T. Abbas (KPMG) regarding progress as of 10/10, plans for upcoming activity, any roadblocks to progress for possible discussion with PG&E.	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/10/19	(0.5) Morning check-in with D. Pant (PG&E), W. Brennan (KPMG) to discuss bowtie status and developments as of 10/10	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/10/19	(0.5) Morning check-in (10/10) with D. Pant (PG&E), F. Farzan (KPMG) to discuss bowtie status and developments;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/10/19	(0.5) Meeting with D. Pant (PG&E) about red flag days and their possible applicability in the bowtie models;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/10/19	0.5 PMO Status update with M. Bowser, (KPMG), J. Birch, S. Foster (PG&E) to review work completed as of 10/10 and discuss initial plan for following week.;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/10/19	0.5 WebEx check-in with all lines of Business on deliverable progress and projected completion times for weekly deliverables with PG&E resources and M. Bowser, (KPMG).;	0.5	\$ 325.00	\$ 162.50

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farbod Farzan	10/10/19	(0.7) Call with B. Wong (PG&E), D. Pant (PG&E), W. Brennan (KPMG) to discuss overall project bowtie updates and status across all eight tasks as of 10/10.	0.7	\$ 325.00	\$ 227.50
Lucy Cai	10/10/19	.7: Continued, from earlier on 10/10, revising Tree Assessment Tool whitepaper based on changes made to Tree Assessment Tool	0.7	\$ 325.00	\$ 227.50
Will Brennan	10/10/19	(0.7) Call with B. Wong (PG&E), D. Pant (PG&E), F. Farzan (KPMG) to discuss overall project bowtie updates and status across all eight tasks;	0.7	\$ 325.00	\$ 227.50
Taylor DeGrande	10/10/19	0.8 Develop change management materials to add to work plan and review in workshops next week.;	0.8	\$ 325.00	\$ 260.00
Marcus Xu	10/10/19	(0.8) Continued from earlier on 10/10, participating in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, D. Ross, M. Suga, J. White, B. Wei (KPMG) Topics included calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods)	0.8	\$ 325.00	\$ 260.00
Adrian Irwin	10/10/19	(0.9) Researched Seldon as a viable platform to integrate with the python model, research critical, as the current Waldo architecture features Seldon.	0.9	\$ 325.00	\$ 292.50
Taylor DeGrande	10/10/19	1.0 Review of virtual document structure and repository for discussion in next weeks workshop.;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/10/19	1.0 PMO Status update with M. Bowser, (KPMG), J. Birch (PG&E), and S. Foster (PG&E) to review work completed to date and discuss initial plan for following week.;	1.0	\$ 325.00	\$ 325.00
Tanveer Abbas	10/10/19	(1.0) - Draft Network diagram of Mitigation scenarios dataflow	1.0	\$ 325.00	\$ 325.00
Yaz Yuan	10/10/19	(1.0) Communicating the investigation result to E. Janes, J Mahoney (KPMG) to determine if findings shall have any impact on the final result.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/10/19	(1.1) Modified distribution outage file by eliminating unnecessary columns and content for ease of use , also added columns for newer necessary information for incorporation into DE bowtie;	1.1	\$ 325.00	\$ 357.50
Marcus Xu	10/10/19	(1.2) Reviewed the exponential expected life formula sent by Y. Oum (PG&E), concurrently creating charts for use in the documentation	1.2	\$ 325.00	\$ 390.00
Will Brennan	10/10/19	(1.5) Cleaned distribution outage data to provide a pivot table to D. Pant (PG&E) for driver and subdriver mapping for the distribution overhead bowtie	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/10/19	1.5 Technology workgroup review of actions items and discussion of developments for following week including demos and separate IT breakout work sessions.;	1.5	\$ 325.00	\$ 487.50

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Adrian Irwin	10/10/19	(1.8) Retrieving code samples from previous models and python integrations, concurrently summarizing the functionality for use by the python model team.	1.8	\$ 325.00	\$ 585.00
Tanveer Abbas	10/10/19	(2.0) - Continued, as of 10/10, research on how Seldon is going to ingest data from Python (building an architecture draft (putting in place Mitigation scenario data flows) that would devise a methodology for data ingestion after being processed by the Python model).	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/10/19	2.5 Refine work process maps based on culmination of workshop discussions and distribute to J. Birch (PG&E) for review and comment.;	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/10/19	2.5 Working session with J. Birch (PG&E) and L. LoGrande (PG&E) to review meta data requirements developed throughout 2019 Inspection process for use in 2020 updates.;	2.5	\$ 325.00	\$ 812.50
Tanveer Abbas	10/10/19	(3.0) - Continued, from earlier on 10/10, research on how Seldon is going to ingest data from Python (building an architecture draft (putting in place Mitigation scenario data flows) that would devise a methodology for data ingestion after being processed by the Python model).	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/10/19	(3.1) Analyzed distribution overhead outage data in order to identify the correlation between root causes of outages and restoration cost magnitude.	3.1	\$ 325.00	\$ 1,007.50
Marcus Xu	10/10/19	(3.1) Continued, as of 10/10, to draft response to questions (mathematical component) regarding the DE impact model	3.1	\$ 325.00	\$ 1,007.50
Lucy Cai	10/10/19	3.4: Revised the Tree Assessment Tool whitepaper based on changes made to Tree Assessment Tool	3.4	\$ 325.00	\$ 1,105.00
Will Brennan	10/10/19	(3.4) Revised DE spreadsheet to incorporate the matched distribution outages to both the current PG&E GNT tracker and the old GNT tracker;	3.4	\$ 325.00	\$ 1,105.00
farbod Farzan	10/10/19	(3.6) Analyzing restoration cost data for distribution overhead / underground outage data, concurrently calculating frequencies and probabilities of restoration cost.	3.6	\$ 325.00	\$ 1,170.00
Marcus Xu	10/10/19	(3.9) Participated in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, J. White, D. Ross, M. Suga, B. Wei (KPMG). Topics include calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods:	3.9	\$ 325.00	\$ 1,267.50
Drew Esler	10/10/19	Continued, as of 10/10, to create a solution for module 5 part 2 (attempting to make a for loop with another dictionary to handle the hard-coding that was previously done within Alteryx).	3.9	\$ 325.00	\$ 1,267.50

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Name	Date	Description	Hours	Rate	Amount
Yaz Yuan	10/10/19	(4.0) Investigation performed for Module 5 Alteryx workflow to determine if any duplicates are pulled from the input data source, concurrently generate a list of potential duplicates	4.0	\$ 325.00	\$ 1,300.00
Drew Esler	10/10/19	Continued, from earlier on 10/10, to create a solution for module 5 part 2 (attempting to make a for loop with another dictionary to handle the hard-coding that was previously done within Alteryx).	4.1	\$ 325.00	\$ 1,332.50
Lucy Cai	10/10/19	1.8: Continued, as of 10/10, adding additional inspected trees to database of HTRS vs. TAT trees to determine variance in abatement 3.7: Created presentation showing differences in abatement for the same trees using TAT and HTRS	5.5	\$ 325.00	\$ 1,787.50
Brian Wei	10/10/19	(0.4) Summarized capacitor bank data to analyze installation date and retirement dates	0.4	\$ 275.00	\$ 110.00
Fran Shammo	10/10/19	0.5 Prepare PMO status update - Items to discuss for Substation required start date and executive steering / update for S. Singh (PG&E) as well as ask for peer sign-off from Asset Strategy;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/10/19	0.5 Reviewed revisions of technology based IT enablement / development execution enhanced process workflow draft 2 with T DeGrande (KPMG);	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/10/19	0.5 2020 Electric System Inspections WebEx with Transmission – Distribution – Substation Teams to confirm the plan/deliverables for the PM workshops.	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/10/19	0.5 Met with M. Bowser, T DeGrande (KPMG) to plan / designate tasks for the 2020 Electrical System Inspection.	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/10/19	0.7 2020 Electric System Inspections WebEx with Transmission – Distribution – Substation Teams to confirm the plan/deliverables for the AM workshops.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	10/10/19	0.8 Weekly Pole Integrity Huddle call with J. Birch, T. Pazdan, L. Burson (PG&E) and M. Bowser, D. Cha, and T. Anderson (KPMG) to discuss the Pole Integrity Model review session, updates to Pole Integrity Model into Alteryx, and performing regression modeling analysis to identify key attributes correlating to failed Pole Test & Treat scores.	0.8	\$ 275.00	\$ 220.00
Dennis Cha	10/10/19	0.8 Reviewed current state pole integrity assessment model with T. Anderson (KPMG - PIA PMO support).	0.8	\$ 275.00	\$ 220.00
Fran Shammo	10/10/19	0.8 Attend Virtual Document Scoping WebEx call;	0.8	\$ 275.00	\$ 220.00
Trent Anderson	10/10/19	0.8 Weekly Pole Integrity Huddle call with J. Birch, T. Pazdan, L. Burson (PG&E) and M. Bowser and D. Cha (KPMG) to discuss the Pole Integrity Model review session, updates to Pole Integrity Model into Alteryx, and performing regression modeling analysis to identify key attributes correlating to failed Pole Test & Treat scores.	0.8	\$ 275.00	\$ 220.00

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Brian Wei	10/10/19	(0.8) Continued from earlier on 10/10, participating in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, D. Ross, M. Suga, J. White, M. Xu (KPMG) Topics included calculations of probability of inherent FE of an asset, assumptions of independence in probability calculations, probability of FE from vegetation, incorporation of conductor health score, applicability of meteorology data and DE impact scoring methods)	0.8	\$ 275.00	\$ 220.00
Fran Shammo	10/10/19	1.0 Developed 2nd draft of Technology based IT enablement / development execution enhanced process workflow;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/10/19	1.0 Finalize the Technology based IT enablement / development execution enhanced process workflow draft 3	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/10/19	1.0 Attend 2020 Inspections PMO WebEx led by J. Birch (PG&E);	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/10/19	1.0 Added additional details to the ECOP Final Report System Hardening and Proactive Removal analytics slide updates to include new data provided by Black & Veatch	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/10/19	1.1 Discussion with J. Birch (PG&E) on current results of pole integrity assessment process and next steps on true indicators of specific poles.	1.1	\$ 275.00	\$ 302.50
Brian Wei	10/10/19	(1.3) Updated documentation of answers to questions regarding DE impact model;	1.3	\$ 275.00	\$ 357.50
Fran Shammo	10/10/19	1.5 Document Technology Workgroup Action Items and Follow-Ups/Next Steps as of 10/10	1.5	\$ 275.00	\$ 412.50
Brian Wei	10/10/19	(1.6) Map LIDAR sample data of trees to conductor line segment data for DE impact model	1.6	\$ 275.00	\$ 440.00
Fran Shammo	10/10/19	2.0 Agenda development, as of 10/10 for the PG&E PMO to view and monitor progress, goals and milestones as well as track daily events;	2.0	\$ 275.00	\$ 550.00
Dennis Cha	10/10/19	2.2 Updated analysis process and output for EC Optimization Program EC tag tracking and monitoring on Priority H tags, per discussion and input from J.C. Mathieson (PG&E).	2.2	\$ 275.00	\$ 605.00
Trent Anderson	10/10/19	3.6 Processed data from in Alteryx to begin developing the workflow that calculates the Pole Test & Treat score for the model using the pole condition data, reinforcements, and intrusive testing results.	3.6	\$ 275.00	\$ 990.00
Dennis Cha	10/10/19	3.8 Continued, as of 10/10, updating ECOP Final Summary, slides 14-20, focusing on new system hardening and proactive removal projects review.	3.8	\$ 275.00	\$ 1,045.00
Trent Anderson	10/10/19	3.8 Perform Data cleansing for PIA Model in Alteryx to compile all raw data file sources into their respective root folders and imported data into Alteryx for processing	3.8	\$ 275.00	\$ 1,045.00

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Brian Wei	10/10/19	(3.9) Participated in meeting to discuss responses to questions regarding DE impact model with J. Gonzalez, J. White, D. Ross, M. Suga, M. Xu (KPMG). Topics include calculations of probability of inherent FE of an asset, probability of FE from vegetation, incorporation of conductor health score, DE impact scoring methods	3.9	\$ 275.00	\$ 1,072.50
Arun Mani	10/11/19	(0.5) AMS review and Task five governance update with M. Broida (KPMG);	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/11/19	.5 Attend program status meeting with D. Ross, J. White, M. Broida, S. Stoddard, G. Thapan-Raina, D. Elmlblad (KPMG) leads to review and address program status as of 10/11, schedules, issues, risks	0.5	\$ 500.00	\$ 250.00
Jonathan White	10/11/19	(2) Review, concurrently revising distribution risk model math / modeling approach responses	2.0	\$ 475.00	\$ 950.00
Jonathan White	10/11/19	(2) Managing director review of vegetation Tree Assessment Tool (TAT) documentation as of 10/11, concurrently revising for final version	2.0	\$ 475.00	\$ 950.00
Matt Broida	10/11/19	(0.5) AMS review and Task five governance update with A. Mani (KPMG);	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/11/19	(0.5) Facilitated AMS Update Meeting to align on task interdependencies and discuss plans for upcoming weeks: A Mani, J. White, D. Ross, M. Bowser, S. Stoward, G. Thapan-Raina, D. Elmlblad (KPMG);	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/11/19	(0.5) Bow-tie status update and work review as of 10/11 with W. Brennen, F. Farbod (KPMG);	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/11/19	(0.5) Task 5 governance update / planning session with A. Mani (KPMG)	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/11/19	(0.5) Meeting with A. Esler, Y. Yuan, E. Janes (KPMG) to discuss python progress, working locations, impact of PG&E competing priorities as of 10/11	0.5	\$ 435.00	\$ 217.50
Scott Stoddard	10/11/19	1.0 AMS Task 2 meeting with S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the Transmission, Distribution, and Substation Technical Manual PMO Support; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.;	1.0	\$ 435.00	\$ 435.00
Scott Stoddard	10/11/19	1.3 AMS Task 2 meeting with S. Stoddard, M. Bowser, T.DeGrande, and D. Cha (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the Transmission, Distribution, and Substation Technical Manual PMO Support; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.3	\$ 435.00	\$ 565.50

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David Ross	10/11/19	.1 call with J. Mahoney (KPMG) to discuss python code review and additional testing by KPMG SME;	0.1	\$ 400.00	\$ 40.00
Jon Guth	10/11/19	(.2) Distributed updated Data flow diagram for the Mitigation scenarios out to the broader team	0.2	\$ 400.00	\$ 80.00
Eric Janes	10/11/19	(0.2) Continue, as of 10/11, preparing Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	0.2	\$ 400.00	\$ 80.00
David Ross	10/11/19	.2 call with M. Broida (KPMG) to discuss vegetation data provided by PG&E and use for mapping trees to conductors	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/11/19	(.3) Analyze, concurrently revising the outline of future state mitigation scenario along with Archiving UI Integration Needs	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/11/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 400.00	\$ 120.00
David Ross	10/11/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/11/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/11/19	(0.3) Meeting with Y. Yuan, J. Mahoney (KPMG) on python code development and next steps;	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/11/19	(0.3) Meeting with M. Xu, B. Wei (KPMG) to discuss data engineering and data sources	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/11/19	(.4) Manager review of updates performed on KPMG Wiki by T. Abbas, A. Irwin for the hosting application API specs.	0.4	\$ 400.00	\$ 160.00
David Ross	10/11/19	.4 call with J. White (KPMG) to discuss potential pause on python code review and strategy for meeting with PG&E regarding distribution risk model methodology;	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/11/19	(.5) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A. Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/11/19	(.5) Manager review of research on the Seldon platform conducted, concurrently reviewing document prepared by T. Abbas	0.5	\$ 400.00	\$ 200.00
David Ross	10/11/19	.5 Attend program status meeting with A. Mani, J. White, M. Broida, S. Stoddard, G. Thapan-Raina, D. Elmlblad (KPMG) leads to review and address program status as of 10/11, schedules, issues, risks	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/11/19	(.6) Reviewed data flow diagram transposed from drawing to digital version, for the Mitigation scenarios user interface enhancement ideas from meeting with J. Thalman (PG&E)	0.6	\$ 400.00	\$ 240.00

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Jon Guth	10/11/19	(.6) Reviewed the Python team's project management task list to gain insight regarding their dependencies / timelines.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/11/19	(.7) Reviewing, concurrently updating work plan as of 10/11 based on current status of activities at end of week and planning for next week.	0.7	\$ 400.00	\$ 280.00
Matthew Bowser	10/11/19	Review ECOP final summary report deliverable and provide comments	1.0	\$ 400.00	\$ 400.00
Jon Guth	10/11/19	(1.2) Reviewed hours billed to date by hosting workstream team comparing to overall budget to update PG&E regarding same.	1.2	\$ 400.00	\$ 480.00
David Ross	10/11/19	1.6 Manager review of finalized responses to PG&E quantitative team questions prior to sending to PG&E	1.6	\$ 400.00	\$ 640.00
Matthew Bowser	10/11/19	Revise 2020 inspection planning work session weekly summary report for transmittal to J. Birch (PG&E)	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/11/19	Perform manager review of analysis for 2020 inspections work plan developed by D. Cha (KPMG)	3.1	\$ 400.00	\$ 1,240.00
David Ross	10/11/19	3.4 Based upon analysis / working session discussions, continued, as of 10/11, drafting responses to PG&E quantitative team questions on distribution risk model	3.4	\$ 400.00	\$ 1,360.00
Eric Janes	10/11/19	(3.7) Continue, as of 10/11, preparing Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	3.7	\$ 400.00	\$ 1,480.00
Eric Janes	10/11/19	(3.8) Continued, as of 10/11, preparing Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	3.8	\$ 400.00	\$ 1,520.00
Gaurav Thapan-Raina	10/11/19	(3.9) Continued, as of 10/11, analyzing 2018 Light Detection and Ranging (LIDAR) data provided by J. Vos (PG&E). The sample data included image and point-cloud data for one specific distribution circuit. The purpose of this analysis was to familiarize with the initial datasets that KPMG could start working on to define an initial blueprint of the proposed vegetation prioritization model. The analysis will also help inform the discussion with the PG&E Vegetation Management team on defining the outputs for the prioritization model. The data will be used to determine input pipeline options for future image labeling and model-based decision-making.	3.9	\$ 400.00	\$ 1,560.00

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Gaurav Thapan-Raina	10/11/19	(3.6) Prepared basic training model for image classification that could serve as a very basic prototype for the proposed vegetation prioritization model. The process involved identifying appropriate vegetation-specific training sets comprising images and subsequently classifying them into training, development and test sets, coding the algorithm on the Python platform and evaluating different coding architectures. (0.5) Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlblad (KPMG) leads to review and address program status, schedules, issues, and risks.	4.1	\$ 400.00	\$ 1,640.00
Will Brennan	10/11/19	(0.2) Call with D. Pant (PG&E) to discuss tranching approach for distribution assets by circuit type for DE bowtie.	0.2	\$ 325.00	\$ 65.00
Adrian Irwin	10/11/19	(0.3) Meeting with M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/11/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 325.00	\$ 97.50
Marcus Xu	10/11/19	(0.3) Meeting with B. Wei, E. Janes (KPMG) to discuss data engineering and data sources	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/11/19	(0.3) Meeting with J. Mahoney, E. Janes (KPMG) on python code development and next steps;	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/11/19	(0.5) Call with M. Broida, W. Brennan (KPMG) to discuss project updates and statuses as of 10/11.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/11/19	(0.5) Call with D. Pant, M.Sakamoto (PG&E) in order to discuss mapping of drivers and sub drivers in transmission overhead data.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/11/19	(0.5) Call with M. Broida (KPMG), F. Farzan (KPMG) to discuss project updates as of 10/11 and statuses;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/11/19	(0.5) Drafted project update status as of 10/11 to share with A. Mani (KPMG) and KPMG team on current status;	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/11/19	(.5) Hosting Workstream Call (10/11) to discuss progress, plans for upcoming activity, any roadblocks to progress, with A.Irwin, J. Guth (KPMG)	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/11/19	(0.5) Call with T. Abbas to discuss progress, plans for upcoming activity, any roadblocks to progress.	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/11/19	(0.5) Meeting (10/11) with A. Irwin, M. Xu, A. Esler, T. Abbas, B. Wei, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E	0.5	\$ 325.00	\$ 162.50

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Taylor DeGrande	10/11/19	.6 Develop proposed agenda for following week's workshops to send to M. Bowser (KPMG) for review and comment prior to distributing to J. Birch (PG&E).;	0.6	\$ 325.00	\$ 195.00
Adrian Irwin	10/11/19	(0.8) Discussion with PG&E IT support regarding installation of Git, code editing tools on my Citrix desktop; submitted two requests: 13895, 13896 regarding same in order to resolve issues.	0.8	\$ 325.00	\$ 260.00
farbod Farzan	10/11/19	(1.0) Call with B. Wong (PG&E), D. Pant (PG&E), W. Brennan (KPMG) to discuss DE bowtie spreadsheet and restoration costs for events.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/11/19	(1.0) Call with B. Wong (PG&E), D. Pant (PG&E), F. Farzan (KPMG) to discuss DE bowtie spreadsheet and restoration costs for events;	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/11/19	(1.0) Updated DE bowtie to indicate whether old GNTs were associated with transmission or distribution lines	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/11/19	1.0 AMS Task 2 meeting with S.Stoddard, M. Bowser, T.DeGrande, D. Cha, T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the Transmission, Distribution, and Substation Technical Manual PMO Support; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.;	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/11/19	(1.0) Performed validation of the ILIS outage feeder name / Conductor data feeder name	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/11/19	1.2 Updated weekly status reports based on information provided by line of business leads from previous day's progress to send to M. Bowser (KPMG) for internal team review prior to distributing to J. Birch (PG&E) for approval.;	1.2	\$ 325.00	\$ 390.00
Adrian Irwin	10/11/19	(1.2) Complete initial breakdown of the future-state mitigation scenarios and archiving UI needs to provide to D. Ross (KPMG)	1.2	\$ 325.00	\$ 390.00
Yaz Yuan	10/11/19	Continued, from earlier on 10/11 (2nd), Module 5 reconciliation process to test up-to-date python code with the original Alteryx workflow influences for probability development	1.4	\$ 325.00	\$ 455.00
Lucy Cai	10/11/19	1.5: Created slide showing methodology of Tree Assessment Tool, including lessons learned and resources used.	1.5	\$ 325.00	\$ 487.50
Adrian Irwin	10/11/19	(1.7) Researching options for handling large SQLite files in AWS to determine if it is a suitable output format for the Python model being built for PG&E	1.7	\$ 325.00	\$ 552.50
Will Brennan	10/11/19	(2.0) Documented process of DE GNT file consolidation as requested by D. Pant (PG&E) for ease of use and recording purposes;	2.0	\$ 325.00	\$ 650.00

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Adrian Irwin	10/11/19	(2.5) Reviewed the mitigation scenario and archiving data flow diagram developed by T. Abbas (KPMG), harmonizing it with existing iconography, concurrently revising the data flows to better reflect using the data lake as the master storage, the ArcGIS backing server as temporary.	2.5	\$ 325.00	\$ 812.50
farbod Farzan	10/11/19	(2.6) Analysis of drivers/ subdriver mapping in transmission overhead and underground outage data.	2.6	\$ 325.00	\$ 845.00
Yaz Yuan	10/11/19	Continued, from earlier on 10/11, Module 5 reconciliation process to test up-to-date python code with the original Alteryx workflow influences for probability development	2.6	\$ 325.00	\$ 845.00
Marcus Xu	10/11/19	(3.0) Created circuit level conductor data by using the STAR_Conductor data	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/11/19	(3.0) Install, concurrently configuring Seldon locally for POC	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/11/19	3.2: Performed final updates, concurrently creating additional slide to show variance in HTRS and TAT for newly inspected trees	3.2	\$ 325.00	\$ 1,040.00
Will Brennan	10/11/19	(3.2) Mapped old GNTs according California's HFTD zones for use in the DE bowtie and tranching purposes;	3.2	\$ 325.00	\$ 1,040.00
farbod Farzan	10/11/19	(3.4) Continuation, as of 10/11, of analyzing restoration cost data for distribution overhead / underground outage data, calculating frequencies and probabilities of restoration cost.	3.4	\$ 325.00	\$ 1,105.00
Yaz Yuan	10/11/19	(3.4) Updating python code to increase efficiency of the Dx risk model	3.4	\$ 325.00	\$ 1,105.00
Marcus Xu	10/11/19	(3.7) Reviewed the REAX math, concurrently drafted response to PG&E modeling questions	3.7	\$ 325.00	\$ 1,202.50
Drew Esler	10/11/19	Continuing, as of 10/11, module 5 part 2 coding within Python (adding error handling to module 5 part 1 along with part 2 at the request of the client, creating procedural code for module 5 part 2 as OOP logic might not work in this case of the model)	3.8	\$ 325.00	\$ 1,235.00
Drew Esler	10/11/19	Continue, from earlier on 10/11, module 5 part 2 coding within Python (adding error handling to module 5 part 1 along with part 2 at the request of the client, creating procedural code for module 5 part 2 as OOP logic might not work in this case of the model)	4.2	\$ 325.00	\$ 1,365.00
Brian Wei	10/11/19	(0.3) Meeting with A. Irwin, M. Xu, A. Esler, T. Abbas, M. Suga, Y. Yuan, J. Guth, J. Mahoney, D. Ross, E. Janes (KPMG) to align on work streams, dependencies, requests from PG&E as of 10/11	0.3	\$ 275.00	\$ 82.50
Brian Wei	10/11/19	(0.3) Meeting with M. Xu, E. Janes (KPMG) to discuss data engineering and data sources	0.3	\$ 275.00	\$ 82.50
Dennis Cha	10/11/19	0.5 Reviewed pole integrity assessment regression model Alteryx model with T. Anderson (KPMG - PIA PMO support).	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/11/19	0.5 Review of the 2020 Inspections - IT Spreadsheets for Questionnaires	0.5	\$ 275.00	\$ 137.50

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Fran Shammo	10/11/19	0.5 Review of PG&E correspondence in regards to using Exacter instead of "ultrasonic" for electrical material testing.;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/11/19	0.5 Review of PG&E Pronto Updates-comments for DH Steel & Non Steel.	0.5	\$ 275.00	\$ 137.50
Trent Anderson	10/11/19	1.0 Alteryx Pole Integrity Model Review with D. Cha (KPMG) to discuss challenges with the coding and work flows that were provided incorrect results	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/11/19	1.3 AMS Task 2 meeting with S.Stoddard, M. Bowser, T.DeGrande, and D. Cha (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the Transmission, Distribution, and Substation Technical Manual PMO Support; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.3	\$ 275.00	\$ 357.50
Trent Anderson	10/11/19	1.3 AMS Task 2 meeting with S.Stoddard, M. Bowser, T.DeGrande, and D. Cha (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the Transmission, Distribution, and Substation Technical Manual PMO Support; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream. /	1.3	\$ 275.00	\$ 357.50
Brian Wei	10/11/19	(1.9) Summarized conductor related outages by name, length, type utilizing Alteryx	1.9	\$ 275.00	\$ 522.50
Fran Shammo	10/11/19	2.0 Draft work plan developed for the PMO to review / revise as necessary and monitor the daily events moving forward as well as review past progress;	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/11/19	(2.0) Created slides of the formulas proposed for the DE impact model for discussion with PG&E	2.0	\$ 275.00	\$ 550.00
Dennis Cha	10/11/19	2.4 Updated ECOP Final Summary slides 1-27 based on comments from M. Bowser (KPMG - engagement manager).	2.4	\$ 275.00	\$ 660.00
Trent Anderson	10/11/19	3.3 Continued, as of 10/11, development of the Alteryx Pole Integrity Model to calculate the Pole Loading Calculation test scores based on data provided by Osmose	3.3	\$ 275.00	\$ 907.50
Brian Wei	10/11/19	(3.4) Review answers to probability questions from C. IZARD (PG&E) regarding the DE impact model	3.4	\$ 275.00	\$ 935.00
Dennis Cha	10/11/19	3.9 Continued, as of 10/11 updating ECOP Final Summary, slides 22-26, focusing on individual execution work prioritization.	3.9	\$ 275.00	\$ 1,072.50
Matt Broida	10/11/19	(2.0) Aggregation of all AMS materials as of 10/11; (1.0) Final director review of vegetation white paper revisions along with exhibit updates	2.0	\$ 435.00	\$ 870.00
Adrian Irwin	10/14/19	(0.5) Hosting workstream Call to discuss progress as of 10/14, plans for upcoming activity, any roadblocks to progress, with J. Guth (KPMG)	0.5	\$ 325.00	\$ 162.50

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Adrian Irwin	10/14/19	(3.7) Continued, as of 10/14, development of the mitigation scenario / archiving data flows.	3.7	\$ 325.00	\$ 1,202.50
Adrian Irwin	10/14/19	(3.8) Cost/performance evaluation of AWS Lambdas vs. AWS EC2 for usage as the API layer	3.8	\$ 325.00	\$ 1,235.00
Arun Mani	10/14/19	Principal review of development of conceptual outline for outcome based risk analysis	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/14/19	Principal review, as of 10/14, of DE bowtie data	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/14/19	Principal review of analysis structuring for outcome based risk assessment	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/14/19	Call with D. Elmlad (KPMG) to discuss preliminary analysis for Federal Monitor responses.	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/14/19	Principal review, as of 10/14, of KPMG ARM (model) Documentation	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/14/19	Development of outcome based risk analysis	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/14/19	(0.8) Meeting with M. Esguerra (PG&E) on vegetation status and next steps with M. Broida (KPMG)	0.8	\$ 475.00	\$ 380.00
Jonathan White	10/14/19	(1.2) Meeting with D. Ross (KPMG) to review and finalize responses to PG&E risk management and quantitative team questions on distribution risk model	1.2	\$ 475.00	\$ 570.00
Jonathan White	10/14/19	(2.0) Managing director review of revised vegetation documentation draft (based on 10/11 review and content revisions).	2.0	\$ 475.00	\$ 950.00
Matt Broida	10/14/19	(1.2) Review of entries, budgets, AMS reporting as of 10/14 to ensure PG&E compliance;	1.2	\$ 435.00	\$ 522.00
Matt Broida	10/14/19	(1.2) Meeting with M. Esguerra (PG&E) and J. White (KPMG) to discussion vegetation one and scope options;	1.2	\$ 435.00	\$ 522.00
Matt Broida	10/14/19	(1.5) Development of revised vegetation milestones per request of M. Esguerra (PG&E) with associated budgets;	1.5	\$ 435.00	\$ 652.50
Jon Guth	10/14/19	(.3) Follow-up with P. Baker (PG&E) prior to upcoming call to review technical architecture and open technical requirements.	0.3	\$ 400.00	\$ 120.00
David Ross	10/14/19	.3 discussion with M. Xu (KPMG) to review python coding schedule in order to determine which components can begin before distribution risk model regression is complete;	0.3	\$ 400.00	\$ 120.00
David Ross	10/14/19	.4 meeting with B. Wei to discuss work completed as of 10/14 for PG&E on the distribution risk model, goals to complete under the regression model	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/14/19	(.5) Hosting workstream Call to discuss progress as of 10/14, plans for upcoming activity, any roadblocks to progress, with A.Irwin, T. Abbas (KPMG)	0.5	\$ 400.00	\$ 200.00
Miki Suga	10/14/19	(1.0) Discussed with M. Xu timeline to complete the eight asset class regression models for the Dx model's inherent probability of FE	1.0	\$ 400.00	\$ 400.00

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Jon Guth	10/14/19	(1.2) Manager review of updates to the hosting application API Requirements - Technical Specification made by A. Irwin (KPMG) on wiki site.	1.2	\$ 400.00	\$ 480.00
David Ross	10/14/19	1.2 Continued, as of 10/14, to consolidate KPMG responses to PG&E risk management and quantitative team questions on distribution risk model, concurrently incorporating them into a final document for PG&E	1.2	\$ 400.00	\$ 480.00
David Ross	10/14/19	1.2 Meeting with J. White (KPMG) to review and finalize responses to PG&E risk management and quantitative team questions on distribution risk model;	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/14/19	(1.3) Update hosting workstream work planner to reflect current status of activity / tasks as of 10/14	1.3	\$ 400.00	\$ 520.00
Jon Guth	10/14/19	(1.5) Review, concurrently updating hosting workstream work plan as of 10/14 based on plans for the week to identify items to focus on to ensure alignment with PG&E priorities.	1.5	\$ 400.00	\$ 600.00
Miki Suga	10/14/19	(2.0) Debugging of R code that performs Poisson regression to resolve issue identified (mis-matching results coming from different machines).	2.0	\$ 400.00	\$ 800.00
Miki Suga	10/14/19	(2.0) Determined potential visualizations for the conductor regression model performance, including in-sample data and out-of-sample data with M. Xu	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/14/19	Develop 2020 Inspections final weekly agenda and workshop deck for review with R. Movafagh and J. Birch (PG&E) this afternoon.	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/14/19	Working session with J. Birch (PG&E) to review weekly work plan, agenda, and workshop schedule as of 10/14.	2.1	\$ 400.00	\$ 840.00
Miki Suga	10/14/19	(3.0) Evaluated conductor regression prediction performance in order to determine metrics/criteria to validate model assumptions with M. Xu	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/14/19	Develop work planning spreadsheet for T/D/S gap closure measurement and tracking	3.1	\$ 400.00	\$ 1,240.00
Daniel Elmlblad	10/14/19	3.0 - Analyzed PG&E's GNT data for initial DE mitigation effectiveness analysis for PG&E's EORM group; 0.6 - Discussed PG&E's GNT data with W. Brennan (KPMG) to verify correct and useable data for the effectiveness analysis;	3.6	\$ 400.00	\$ 1,440.00
Matthew Bowser	10/14/19	Revise AMS work and resource repair execution plan for 2020 DAMS (1.3). Document summary of methodology used to develop work plan for potential application to inspections work planning (2.5)	3.8	\$ 400.00	\$ 1,520.00
David Ross	10/14/19	3.9 Continue, as of 10/14, consolidation of KPMG responses to PG&E risk management and quantitative team questions on distribution risk model in order to incorporate them into a final document for PG&E	3.9	\$ 400.00	\$ 1,560.00

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Daniel Elmlblad	10/14/19	1.4 - Developed calculations and computed DE mitigation effectiveness measures using PG&E's GNT data; 3.0 - Prepared written report for PG&E's EORM team on sample of DE mitigation effectiveness and potential future steps for the analysis;	4.4	\$ 400.00	\$ 1,760.00
farbod Farzan	10/14/19	(0.5) Morning check-in with D. Pant (PG&E) and W. Brennan (KPMG) to discuss DE bowtie progress and issues as of 10/14	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/14/19	(0.5) Call with B. Wong (PG&E), D. Pant (PG&E) and W. Brennan (KPMG) to discuss DE bowtie and status as of 10/14	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/14/19	(0.5) Review 2020 Inspection gap assessments from each line of business (T/D/S) to monitor progress and provide update for team report to client	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/14/19	(.5) Hosting workstream Call to discuss progress as of 10/14, plans for upcoming activity, any roadblocks to progress, with A.Irwin, J. Guth (KPMG)	0.5	\$ 325.00	\$ 162.50
Yaz Yuan	10/14/19	(0.9) Continued from earlier on 10/14 the review of flake8 and pytest packages to deliver code in the format required by PG&E	0.9	\$ 325.00	\$ 292.50
Taylor DeGrande	10/14/19	(1.0) M. Bowser, F. Shammo (KPMG) meeting to discuss the below topic on Electrical System inspection preventative maintenance manual (Share drive Organization)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/14/19	(1.0) Update 2020 inspection huddle deck for meeting for the morning of 10/15 with current week agenda, previous week progress.	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/14/19	(1.0) Discussed with M. Suga timeline to complete the eight asset class regression models for the Dx model's inherent probability of FE	1.0	\$ 325.00	\$ 325.00
Lucy Cai	10/14/19	1.5: Continued, from earlier on 10/14, reconciling / updating budget tracker with all task budgets to indicate current state of hours and expenses in comparison with forecast	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/14/19	(1.5) Analysis / inclusion of RAMP categories for the GNTs in 2015 and 2016 years to cross check bowtie assumptions and entries;	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/14/19	(1.7) Develop work plan / strategy for change management activities for 20202 Inspection planning for review by J. Birch (PG&E) and R. Movafagh (PG&E).	1.7	\$ 325.00	\$ 552.50
Tanveer Abbas	10/14/19	Continue, as of 10/14, Seldon install, concurrently testing PG&E Python model(concurrently revisit the Waldo diagram provided by PG&E specific to the Seldon Core area,nalyze core software components).	1.7	\$ 325.00	\$ 552.50
Taylor DeGrande	10/14/19	(1.8) 2020 Inspections PMO - Working session held to review PMO targets and goals for week with M. Bowser (KPMG), T. DeGrande (KPMG), Fran (KPMG), J. Birch (PG&E)	1.8	\$ 325.00	\$ 585.00

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Will Brennan	10/14/19	(2.0) Spatially mapped old GNTs to HFTDs for tranching purposes in the DE bowtie;	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/14/19	(2.0) Created unique IDs for GNTs and combined both the old spreadsheet for GNTs from 2014-2017 and the new spreadsheet for 2018 into a consolidated spreadsheet for further use.	2.0	\$ 325.00	\$ 650.00
Yaz Yuan	10/14/19	(2.0) Adding additional error handling to the most current version of the python code (Dx risk model)	2.0 x	\$ 325.00	\$ 650.00
Marcus Xu	10/14/19	(2.0) Determined potential visualizations for the conductor regression model performance, including in-sample data and out-of-sample data with M. Suga	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/14/19	(2.0) Utilizing output conductor regression output, analyzed performance across different validation buckets data sets.	2.0	\$ 325.00	\$ 650.00
Yaz Yuan	10/14/19	(2.0) Reviewed coding standard files the client's team sent as of 10/14	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/14/19	(2.5) Working session with F. Shammo to develop excel analysis pivot tables to review the status of all LOB's progress in gap assessments.	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/14/19	(2.5) Working session with F. Shammo (KPMG) to complete the development of excel analysis pivot tales and prepare PowerPoint slides to present finding to PG&E personnel in the morning Huddle Meeting.	2.5	\$ 325.00	\$ 812.50
Will Brennan	10/14/19	(3.0) Refined DE spreadsheet to include DE drivers for those GNTs that are associated with outages and those GNTs that are not associated with outages;	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/14/19	(3.0) Evaluated conductor regression prediction performance, concurrently determine metrics/criteria to validate model assumptions with M. Suga	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/14/19	3.1: Reconciled / updated budget tracker with all task budgets to indicate current state of hours and expenses in comparison with forecast	3.1	\$ 325.00	\$ 1,007.50
Yaz Yuan	10/14/19	(3.1) In order to deliver code in the format required by PG&E, review flake8 / pytest packages	3.1	\$ 325.00	\$ 1,007.50
farbod Farzan	10/14/19	(3.2) Populate initial frequency of drivers and subdrives and calculated probabilities associated with each sub-driver utilizing substation outage dataset	3.2	\$ 325.00	\$ 1,040.00
farbod Farzan	10/14/19	(3.3) Analyzed transmission overhead dataset, concurrently defining outcome categories for the consequences of different type of outages.	3.3	\$ 325.00	\$ 1,072.50
Tanveer Abbas	10/14/19	Continue, as of 10/14, Seldon install, concurrently testing Python model (analyzing the pre-requisites for Seldon software, analyze the dependencies and the hardware and space requirements)	3.3	\$ 325.00	\$ 1,072.50
Drew Esler	10/14/19	Continued, as of 10/14, module 5 coding within Python; specifically finalized OOP programming loop that created a Class Module that will allow the client to automate data preparation process for 6 of the 8 assets.	3.7	\$ 325.00	\$ 1,202.50

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Name	Date	Description	Hours	Rate	Amount
Drew Esler	10/14/19	Continued, from earlier on 10/14, module 5 coding within Python. Finalized OOP programming loop that created a Class Module that will allow the client to automate data preparation process for 6 of the 8 assets.	4.1	\$ 325.00	\$ 1,332.50
Dennis Cha	10/14/19	0.7 Discussed with J.C. Mathieson (PG&E) on future state of Distribution Asset Management organizational structure and key roles and responsibilities for each team; discussed the potential request from J.C. on the team structure slides to be compiled for meeting tomorrow.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	10/14/19	0.7 Reviewed EC Optimization Program tags that B&V reviewed and recommended to be included in existing hardening projects.	0.7	\$ 275.00	\$ 192.50
Brian Wei	10/14/19	(0.7) Created a timeline for regression goals for ultimate communication to PG&E	0.7	\$ 275.00	\$ 192.50
Dennis Cha	10/14/19	1.0 Met with M. Bowser (KPMG) to discuss AMS Task 2 weekly activities, as of 10/14, deliverables, risks and challenges relative to EC Optimization Program Project Management Office and other Task 2 activities.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/14/19	1.0 PIA model review with T. Anderson (KPMG - PIA PMO support).	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/14/19	1.0 PIA deck review with T. Anderson (KPMG - PIA PMO support).	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/14/19	1.0 Review of weekly status updates to prepare for upcoming meeting and gage teams risks and gaps in progress for better targeting of deliverable success;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/14/19	1.0 T. DeGrande (KPMG) meeting to discuss the below topic on Electrical System inspection preventative maintenance manual (Share drive Organization);	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/14/19	1.0 Pole Integrity Model Review with D. Cha (KPMG) to walk through the logic and workflows that calculate Pole Test & Treat scores and Pole Loading Calculation scores in the Alteryx model for the Pole Integrity Program /	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/14/19	1.0 Pole Integrity Deck Review with D. Cha (KPMG) to walk through the components of the Pole Integrity Summary Report for the background, process development, validation, findings, next steps, and stakeholders for the Pole Integrity Program /	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/14/19	1.2 Updated EC Optimization Program final summary deck slides 1-9 on wording and formatting based on comments from M. Bowser (KPMG- engagement day-to-day manager).	1.2	\$ 275.00	\$ 330.00
Fran Shammo	10/14/19	1.5 Working session with J. Birch (PG&E) held to review targets and goals for week with M. Bowser, T. DeGrande (KPMG)	1.5	\$ 275.00	\$ 412.50

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Dennis Cha	10/14/19	1.7 Discussion with J. Birch (PG&E) on EC Optimization Program tag tracking including Priority H tags that are to be reviewed for the batch update, compliance plan tag tracking between 8/1 data and current data, and engineering review procedure.	1.7	\$ 275.00	\$ 467.50
Brian Wei	10/14/19	(1.8) Examined asset mortality curves sent from S. Adderly (PG&E) to determine methodology to include survival calculations to DE impact model	1.8	\$ 275.00	\$ 495.00
Trent Anderson	10/14/19	2.3 Continued, as of 10/14, developing /making adjustments to the Pole Integrity Model in Alteryx per discussion with D. Cha (KPMG) to adjust the variable types to the correct input classifications and made adjustments to the formulas to fix outputs to the desired values for Pole Test and Treat and Pole Loading Calculations	2.3	\$ 275.00	\$ 632.50
Brian Wei	10/14/19	(2.3) Created a matrix of circuit level probabilities for the regression output with R	2.3	\$ 275.00	\$ 632.50
Fran Shammo	10/14/19	2.5 Working session with T. DeGrande (KPMG) to develop excel analysis pivot tables to review the status of all line of business (LOB's) progress in gap assessments;	2.5	\$ 275.00	\$ 687.50
Fran Shammo	10/14/19	2.5 Met with T. DeGrande to complete the development of excel analysis pivot tables as well prepare PowerPoint slides to present findings to PG&E personnel in the morning Focus Meeting;	2.5	\$ 275.00	\$ 687.50
Dennis Cha	10/14/19	2.9 Based on the request from J.C. Mathieson (PG&E), analyzed, compiled, and updated the list of EC Optimization Program Priority H tags for review of status and tracking.	2.9	\$ 275.00	\$ 797.50
Brian Wei	10/14/19	(3.2) Coded data exploration / variable selection for regression in R	3.2	\$ 275.00	\$ 880.00
Trent Anderson	10/14/19	3.7 Revised the Pole Integrity Model in Alteryx per discussion with D. Cha (KPMG) to adjust the variable types to the correct input classifications, made adjustments to the formulas to fix outputs to the desired values for Pole Test and Treat and Pole Loading Calculations /	3.7	\$ 275.00	\$ 1,017.50
Adrian Irwin	10/15/19	(3.8) Analyze sizing for the AWS EC2 Data Engineering instance	3.8	\$ 325.00	\$ 1,235.00
Adrian Irwin	10/15/19	(0.5) Call to discuss progress as of 10/15, plans for upcoming activity, any roadblocks to progress, with T. Abbas (KPMG)	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/15/19	(0.3) Meeting with D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for work streams as of 10/15	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/15/19	(3.4) Incorporating the results of previous sizing and cost/perf evaluations (Lambdas and EC2 resources) into the technical architecture recommendations.	3.4	\$ 325.00	\$ 1,105.00
Reid Tucker	10/15/19	(0.5) Meet with S. Stoddard (KPMG) discuss risks to task 2 and reporting format for PG&E	0.5	\$ 500.00	\$ 250.00

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Juan Gonzalez III	10/15/19	(1.0) DE Model Documentation Discussion. Attendees: B. Wei, M. Xu, M. Suga, D. Ross, J. White (KPMG)	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/15/19	(0.2) Continued, from earlier on 10/15, to participate in meeting with J. Gonzalez, D. Ross, M. Suga, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score;	0.2	\$ 475.00	\$ 95.00
Jonathan White	10/15/19	(3.9) Working session with J. Gonzalez, D. Ross, M. Suga, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score	3.9	\$ 475.00	\$ 1,852.50
Jeff Mahoney	10/15/19	(0.3) Meeting with D. Ross (KPMG) on current staff, schedule, future staffing needs to meet client needs/deadlines.	0.3	\$ 435.00	\$ 130.50
Matt Broida	10/15/19	(0.5) Director review of Task 2 documentation / work paper documentation as of 10/15	0.5	\$ 435.00	\$ 217.50
Scott Stoddard	10/15/19	(0.5) Meet with R. Tucker (KPMG) discuss risks to task 2 and reporting format for PG&E	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/15/19	(0.6) Specialist director review of current staffing plan / schedule relative to currently communicated client priorities.	0.6	\$ 435.00	\$ 261.00
Matt Broida	10/15/19	(1.2) Continue, from earlier on 10/15, director review of Task 2 work paper documentation	1.2	\$ 435.00	\$ 522.00
Scott Stoddard	10/15/19	PIA - Status/Huddle meeting with PG&E (1.2)	1.2	\$ 435.00	\$ 522.00
Jon Guth	10/15/19	(.2) Follow-up with PG&E regarding review of technical architecture, several open technical topics as of 10/15;	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/15/19	(.2) Respond to D. Ross (KPMG) request regarding specific items needing to be addressed by PG&E that will be surfaced in meeting with the client	0.2	\$ 400.00	\$ 80.00
Miki Suga	10/15/19	(0.2) Continued, from earlier on 10/15, to participate in meeting with J. Gonzalez, J. White, D. Ross, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score;	0.2	\$ 400.00	\$ 80.00
David Ross	10/15/19	(0.2) Continued, from earlier on 10/15, to participate in meeting with J. Gonzalez, J. White, M. Suga, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score;	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/15/19	(.3) Prepare for WebEx meeting including technical architecture review with P. Baker (PG&E) and KPMG team.	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/15/19	(0.3) Meeting with A. Esler, Y. Yuan (KPMG) to discuss python progress, working locations, impact of PG&E competing priorities	0.3	\$ 400.00	\$ 120.00

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Jon Guth	10/15/19	(0.3) Update with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for the AMS work streams as of 10/15	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/15/19	(0.3) Update with A. Irwin, D. Esler, Y. Yuan, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for the AMS work streams as of 10/15	0.3	\$ 400.00	\$ 120.00
Miki Suga	10/15/19	(0.3) Update with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei (KPMG) to align on dependencies and schedule for the AMS work streams as of 10/15	0.3	\$ 400.00	\$ 120.00
David Ross	10/15/19	.3 Discussion with B. Wei (KPMG) regarding the vegetation modifier and how to incorporate feedback received from PG&E	0.3	\$ 400.00	\$ 120.00
David Ross	10/15/19	.3 Meeting with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for work streams of distribution risk model	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/15/19	(.4) Review email from E. Janes regarding open items needing to be addressed for his workstream as of 10/15	0.4	\$ 400.00	\$ 160.00
David Ross	10/15/19	.4 call with G. Thapan-Raina (KPMG) to discuss vegetation outage data / differences between ILIS outage data provided by PG&E	0.4	\$ 400.00	\$ 160.00
Miki Suga	10/15/19	(0.6) Perform analysis to determine possible alternative Vegetation modeling approach (review old approach and compare the differences, pros and cons).	0.6	\$ 400.00	\$ 240.00
David Ross	10/15/19	.6 analyze LIDAR data provided by PG&E, comparing to previous 2018 data received to determine differences for distribution risk model structure	0.6	\$ 400.00	\$ 240.00
David Ross	10/15/19	.6 Analyzed budget for Task 1A to complete distribution risk model, concurrently update forecasts based upon anticipated workload	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/15/19	(.7) Hosting Workstream call (10/15) to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG).	0.7	\$ 400.00	\$ 280.00
David Ross	10/15/19	.7 Call with E. Janes (KPMG) to discuss python coding schedule, changes required to integrate changing regression approach	0.7	\$ 400.00	\$ 280.00
Jon Guth	10/15/19	(.8) Manager review of the updated schedule and sprints from the Python coding workstream provided by E. Janes (KPMG)	0.8	\$ 400.00	\$ 320.00
Matthew Bowser	10/15/19	Met with T. DeGrande (KPMG) to discuss 2020 inspections planning team gap closure template	1.1	\$ 400.00	\$ 440.00
Matthew Bowser	10/15/19	Discuss change management support from PG&E ECI team via conference call led by J. Birch (PG&E)	1.1	\$ 400.00	\$ 440.00

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Jon Guth	10/15/19	(1.1) Manager review of requirements documentation on KPMG Wiki for the Model - Processing Container and the Model Output as documented by A.Irwin on 10/14.;	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/15/19	(1.2) Research, concurrently review documentation on the Seldon platform, Kubernetes and Node.JS to familiarize with these technologies	1.2	\$ 400.00	\$ 480.00
Eric Janes	10/15/19	(1.8) Continue, as of 10/15, preparing Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	1.8	\$ 400.00	\$ 720.00
Eric Janes	10/15/19	(2.0) Continue, as of 10/15, to prepare Data Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	2.0	\$ 400.00	\$ 800.00
David Ross	10/15/19	2.0 Meeting with J. White (KPMG), Thalman (PG&E) to review PG&E enterprise risk feedback on the distribution risk model and confirm the methodology behind each approach used within the model	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/15/19	Attend afternoon session of 2020 Inspections planning workshop led by R. Movafagh (PG&E) (focus on gap closure work plan development with distribution breakout session team).	3.0	\$ 400.00	\$ 1,200.00
Eric Janes	10/15/19	(3.0) Continue, as of 10/15, preparing Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/15/19	Attend morning session of 2020 Inspections Planning workshop led by R. Movafagh (PG&E) and J. Birch (PG&E)	3.5	\$ 400.00	\$ 1,400.00
David Ross	10/15/19	(3.9)Working session with J. Gonzalez, J. White, M. Suga, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/15/19	(3.9)Working session with J. Gonzalez, J. White, D. Ross, M. Xu, B. Wei (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score	3.9	\$ 400.00	\$ 1,560.00
Yaz Yuan	10/15/19	(0.3) Update with A. Irwin, D. Esler, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for the AMS work streams as of 10/15	0.3	\$ 325.00	\$ 97.50
Drew Esler	10/15/19	(0.3) Update with A. Irwin, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for the AMS work streams as of 10/15	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/15/19	(0.5) Call with D. Pant (PG&E) and S Adderly (PG&E) to discuss substation prioritization according to the infrastructure criticality and outage histories.	0.5	\$ 325.00	\$ 162.50

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farbod Farzan	10/15/19	(0.5) Call with D. Pant (PG&E) and K. O'Connor (PG&E) to discuss driver and sub-driver mapping of distribution overhead outages according to the latest PG&E bow-tie.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/15/19	(0.5) Meeting with D. Pant (PG&E) about revised DE bowtie drivers and subdrivers;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/15/19	(0.5) Researched conductor wire types for distribution tranching purposes, concurrently documenting findings to provide to D. Thayer (PG&E)	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/15/19	(0.5) Call with F. Farzan (KPMG) discuss Task 5 project status and updates as of 10/15	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/15/19	(1.0) Refined distribution driver mapping with D. Pant (PG&E) after revisions were incorporated by distribution overhead SME;	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/15/19	(1.0) Checked figures also adding a column in DE bowtie spreadsheet on whether or not it's a wire-down event;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0)Attend 10/15 morning workshop led by J. Birch (PG&E) attended with M. Bowser, (KPMG)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0)Attend call for Change Management Strategy for 2020 Inspections with R. Movafagh(PG&E), M. Hvistendahl (PG&E), J. Birch (PG&E) & S.Foster (PG&E) with M. Bowser, T. DeGrande (KPMG)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0)Attend 10/15 afternoon workshop led by J. Birch (PG&E) attended with M. Bowser (KPMG) & (KPMG) and T.DeGrande (KPMG).	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0) Develop file structure for 2020 Inspection team SharePoint based on team deliverables and required files with F. Shammo (KPMG)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0)2020 Electrical Inspection end of day meeting with M. Bowser (KPMG) & J. Birch (PG&E) to discuss progress made to date and hold a focus session on direction of project moving forward.	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/15/19	(1.0) Developed email template for R. Movafagh and J. Birch (PG&E) to distribute update to 2020 inspection team and leadership	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/15/19	(1.5) Meeting with B. Wong (PG&E) to talk about inputting data into the risk input sheets;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/15/19	(1.5) Spatially mapped distribution overhead outages to HFTDs for distribution overhead bowtie;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/15/19	(2.0) Mapped DOH drivers to DE bowtie in for use in outcomes portion of the bowtie;	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/15/19	(2.0)Attend technology workshop led by Y.Manickam (PG&E) to review inspection questionnaire for technology requirements alignment with updated questionnaire forms	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/15/19	(2.0) Working session with Substation PM / gap assessment review with B. Nie (PG&E) and J. Brown (PG&E), (KPMG) to discuss progress and level of effort / owner issues.	2.0	\$ 325.00	\$ 650.00

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Marcus Xu	10/15/19	(2.0) Reviewed latest Dx Model documentation focusing on areas that might be questioned by PG&E	2.0	\$ 325.00	\$ 650.00
Yaz Yuan	10/15/19	(2.7) Updated procedural code to align with the PEP8 format, concurrently add testing to the existing code.	2.7	\$ 325.00	\$ 877.50
farbod Farzan	10/15/19	(3.0) Continuation, as of 10/15, prepping transmission overhead outage dataset in order to prepare dataset for risk input sheet.	3.0	\$ 325.00	\$ 975.00
Yaz Yuan	10/15/19	(3.0) Researching Unit test, PEP8 format, requested by the client, for applicability to code development	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/15/19	(3.0) Re-validated the calculation of the vegetation component of the Dx Model, concurrently cross-checking assumptions of probability calculation	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/15/19	(3.0) Re-validated the calculation of the weather component of the Dx Model, concurrently reviewing correlation analysis between number of outages and weather station data	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/15/19	(3.5) Working session with B. Wong (PG&E) to incorporate transmission overhead outage frequencies, consequences to PG&E risk model.	3.5	\$ 325.00	\$ 1,137.50
Lucy Cai	10/15/19	3.6: Revised the Tree Assessment Tool whitepaper on scoring methodologies including wind speed and regional species fire risk rating	3.6	\$ 325.00	\$ 1,170.00
Drew Esler	10/15/19	Began to develop python test scripts for Module 5 that will be used to troubleshoot future errors when changes are made to the future state of the model.	3.8	\$ 325.00	\$ 1,235.00
Drew Esler	10/15/19	Continued, from earlier on 10/15, creation of python test scripts for Module 5 that will be used to troubleshoot future errors when changes are made to the future state of the model.	3.9	\$ 325.00	\$ 1,267.50
Tanveer Abbas	10/15/19	(.5) Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with A.Irwin (KPMG) (0.3) Meeting with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for work streams. (3.9) Continue, as of 10/15, Seldon install, testing of Pvthon model	4.8	\$ 325.00	\$ 1,543.75
Brian Wei	10/15/19	(0.2) Continued, from earlier on 10/15, to participate in meeting with J. Gonzalez, J. White, D. Ross, M. Suga, M. Xu (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score;	0.2	\$ 275.00	\$ 55.00
Fran Shammo	10/15/19	0.5 2020 Inspection PMO meeting with J. Birch (PG&E) for broader team update with M. Bowser, T DeGrande (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/15/19	0.5 2020 Inspections Planning - Afternoon Huddle (Entire ETPM Team) with updates;	0.5	\$ 275.00	\$ 137.50

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Trent Anderson	10/15/19	0.5 Pole Integrity Huddle Review Meeting with , J. Birch, L. Burson (all PG&E) and D. Cha (KPMG) to walk through the next steps in the Pole Integrity Assessment program development, discuss the current state model and regression analysis, and lastly discussed plans to walk through the model /	0.5	\$ 275.00	\$ 137.50
Brian Wei	10/15/19	(0.5) Reviewed, concurrently downloaded files from FTP site.	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/15/19	0.6 Reviewed pole integrity assessment model Alteryx workflow for workflow integrity.	0.6	\$ 275.00	\$ 165.00
Brian Wei	10/15/19	(0.6) Documented example of how conductor health score is incorporated	0.6	\$ 275.00	\$ 165.00
Dennis Cha	10/15/19	0.9 Discussed fire GNT area (FIA) and its correlation to the high fire threat district (HFTD) with J.C. Mathieson (PG&E) and potential help needed for Distribution Asset Management.	0.9	\$ 275.00	\$ 247.50
Fran Shammo	10/15/19	1.0 Retrieving access to PG&E portals to access share drive files with latest PG&E T/D/S gap assessment trackers retrieve /assess accuracy of reported pivot sheets;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/15/19	1.0 Call for Change Management Strategy for 2020 Inspections w R. Movafagh, M. Hvistendahl, J. Birch & Suzan (PG&E) with M. Bowser, T.DeGrande (KPMG)	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/15/19	1.0 Developing revised file structure for SharePoint for T. DeGrande (KPMG) to implement into SharePoint;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/15/19	1.0 Meeting with DeGrande (KPMG) & J. Birch (PG&E) to discuss progress as of 10/15 and hold a focus session on direction of project moving forward.	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/15/19	2.0 Working session with B. Nie (PG&E), T DeGrande (KPMG) for Substation PM / gap assessment review to discuss progress and level of effort / owner issues;	2.0	\$ 275.00	\$ 550.00
Trent Anderson	10/15/19	2.0 Performed updates to the ECOP Final Summary Report to address updates from Black & Veatch on new system hardening projects and made tweaks to the compliance monitoring information as well as the stakeholder organizational chart	2.0	\$ 275.00	\$ 550.00
Trent Anderson	10/15/19	2.4 Began development the Pole Integrity Memorandum document to elaborate on the reason behind the pole integrity analysis and how the analysis was carried out, including aggregating all relevant files associated with the analysis and the individual procedures within each phase of the analysis /	2.4	\$ 275.00	\$ 660.00
Brian Wei	10/15/19	(2.5) Investigated LIDAR files with R for incorporation to DE impact model;	2.5	\$ 275.00	\$ 687.50
Dennis Cha	10/15/19	3.4 Follow up from 2020 work plan discussion last week and review changes made to the work and prioritization.	3.4	\$ 275.00	\$ 935.00
Fran Shammo	10/15/19	3.5 Attended T/D/S Technology working session at San Ramon Training Center per client request.	3.5	\$ 275.00	\$ 962.50

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Trent Anderson	10/15/19	3.6 Continued, as of 10/15, developing / making adjustments to the Pole Integrity Model in Alteryx per discussion with D. Cha (KPMG) to adjust the variable types to the correct input classifications and made adjustments to the formulas to fix outputs to the desired values /	3.6	\$ 275.00	\$ 990.00
Dennis Cha	10/15/19	3.8 Updated EC Optimization Program final summary deck slides 10-21 on wording and formatting based on comments from M. Bowser (KPMG - engagement day-to-day manager).	3.8	\$ 275.00	\$ 1,045.00
Brian Wei	10/15/19	(3.8) Updated exploratory data analysis, univariate /multivariate analysis, regression modeling, validation code for conductor probability of FE;	3.8	\$ 275.00	\$ 1,045.00
Brian Wei	10/15/19	(3.9)Working session with J. Gonzalez, J. White, D. Ross, M. Suga, M. Xu (KPMG) to discuss methodology in DE impact model, covering topics such as probability of vegetation-related outages, asset health score, DE impact score;	3.9	\$ 275.00	\$ 1,072.50
Adrian Irwin	10/16/19	(0.6) Call with J. Guth (KPMG) to relay feedback on the web services developer interviewed.	0.6	\$ 325.00	\$ 195.00
Adrian Irwin	10/16/19	(0.6) Call with Goshen, J. Guth (KPMG) to discuss resourcing /web services developer role and whether certain professional will be included on team.	0.6	\$ 325.00	\$ 195.00
Adrian Irwin	10/16/19	(0.2) Follow up call with J. Guth (KPMG) to discuss web services developer needs and next steps to fill the needed role	0.2	\$ 325.00	\$ 65.00
Adrian Irwin	10/16/19	(2.7) Continued, as of 10/16, development of the technical architecture plan.	2.7	\$ 325.00	\$ 877.50
Adrian Irwin	10/16/19	(3.9) Perform review of Splunk and Amazon API gateway documentation	3.9	\$ 325.00	\$ 1,267.50
Juan Gonzalez III	10/16/19	(1.0) Regression Approach Review. Attendees: J. Thalman (PG&E), Yumi, Oum (PG&E), C. Izard (PG&E), Y. Chong (PG&E), P. Baker (PG&E), J. Dolfen (PG&E), J. White (KPMG), M. Xu (KPMG), D. Ross (KPMG), M. Suga (KPMG).	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/16/19	(0.5) Distribution overhead tranching methodology review with F. Farzan (KPMG)	0.5	\$ 475.00	\$ 237.50
Jonathan White	10/16/19	(2.0) Meeting with D. Ross (KPMG), J. Thalman (PG&E) to review PG&E enterprise risk feedback on the distribution risk model and confirm the methodology behind each approach used within the model	2.0	\$ 475.00	\$ 950.00
Jonathan White	10/16/19	(3.0) Tree Assessment Tool (TAT) status and documentation discussion with D. Kida, K. Loomis (PG&E), M. Broida, G. Thapan Raina (KPMG)	3.0	\$ 475.00	\$ 1,425.00
Jeff Mahoney	10/16/19	.3 Discussion with D. Ross (KPMG) regarding additional data scientist resources to support further distribution risk model methodology development at the request of PG&E	0.3	\$ 435.00	\$ 130.50
Matt Broida	10/16/19	(0.9) Revised AMS reporting material with team changes prior to communication to PG&E	0.9	\$ 435.00	\$ 391.50

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Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/16/19	1.0 - Director review of draft status report for PMO support of Tx, Dx, Substation manual updates as of 10/16	1.0	\$ 435.00	\$ 435.00
Scott Stoddard	10/16/19	Director review of draft ECOP summary deck as of 10/16	1.5	\$ 435.00	\$ 652.50
Scott Stoddard	10/16/19	At client request, attended PG&E Workshop with R. Movafagh, J. Birch (PG&E)	3.5	\$ 435.00	\$ 1,522.50
Jon Guth	10/16/19	(.2) Communication with P. Baker (PG&E) on upcoming technical architecture review meeting	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/16/19	(.2) Follow up call with A. Irwin (KPMG) to discuss web services developer needs and next steps to fill the needed role	0.2	\$ 400.00	\$ 80.00
David Ross	10/16/19	.2 Analyze file created from California Fire mapping to PG&E territory to determine major DE events	0.2	\$ 400.00	\$ 80.00
David Ross	10/16/19	.3 Discussion with J. Mahoney (KPMG) regarding additional data scientist resources to support further distribution risk model methodology development at the request of PG&E	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/16/19	(.5) Discussion with T. Abbas on status / progress of installing Seldon locally and testing a sample python model	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/16/19	(.5) Hosting Workstream 10/16 call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
David Ross	10/16/19	.5 call with A. Irwin (KPMG) to discuss need for lucid chart program in order to comply with request for technical diagrams from PG&E	0.5	\$ 400.00	\$ 200.00
David Ross	10/16/19	.5 meeting with J. Thalman (PG&E) and M. Xu (KPMG) to debrief from meeting with PG&E EORM and Strategic Data science teams	0.5	\$ 400.00	\$ 200.00
David Ross	10/16/19	.5 Meeting with J. Vos (PG&E) to review LIDAR data collected by PG&E to date in order to determine the appropriate fields to be pulled into the distribution risk model	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/16/19	(.6) Call with A. Irwin (KPMG) to request and gain feedback on the web services developer for PG&E project who he interviewed and to decide on our next course of action for the role	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/16/19	(.6) Call with Goshen, A. Irwin (KPMG) to discuss resourcing /web services developer role and whether certain professional will be included on team.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/16/19	(.6) Review the open technical topics and open questions that we need addressed by PG&E to advance the requirements documentation on the hosting application and APIs	0.6	\$ 400.00	\$ 240.00
David Ross	10/16/19	.6 communication with K. Loomis (PG&E) regarding vegetation outage file and process of comparing to ILIS outage data set provided by PG&E	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/16/19	(.7) Manager review, as of 10/16, of updated model methodology documentation	0.7	\$ 400.00	\$ 280.00

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David Ross	10/16/19	.7 Aggregate data files requested by PG&E, uploading to secure transfer site	0.7	\$ 400.00	\$ 280.00
David Ross	10/16/19	.8 Discussion with E. Janes regarding timeline of python coding which data engineering components can be completed in the near-term	0.8	\$ 400.00	\$ 320.00
Matthew Bowser	10/16/19	Review 2020 Inspections planning share drive file and update PMO documentation.	1.0	\$ 400.00	\$ 400.00
Eric Janes	10/16/19	(1.0) Meeting with G. Koenig (KPMG) to provide project context and background regarding PG&E.	1.0	\$ 400.00	\$ 400.00
Miki Suga	10/16/19	(1.0) Meeting with PG&E data science team to discuss Dx modeling approach. Discussion around splitting dataset, stratify sampling, univariate analysis, Poisson regression, model set-up. Participants from KPMG side are J. Gonzalez, J. White, D. Ross, M. Suga, M. Xu.	1.0	\$ 400.00	\$ 400.00
David Ross	10/16/19	1.0 Prepare for meeting with PG&E enterprise risk team and strategic data science team by reviewing presentation material in advance of meeting	1.0	\$ 400.00	\$ 400.00
David Ross	10/16/19	1.2 prepare for meeting with PG&E strategic data science and EORM teams to discuss distribution risk model by analyzing documentation provided to date	1.2	\$ 400.00	\$ 480.00
David Ross	10/16/19	1.3 Perform troubleshooting of IT system access to PG&E remote access site in order to utilize ArcGIS program and internal PG&E email systems	1.3	\$ 400.00	\$ 520.00
David Ross	10/16/19	(1.5) Participated in Regression Rationale meeting with J. White, M. Xu, M. Suga, M. Xu, J. Gonzales (KPMG), J. Thalman, Y. Oum, I. Catherine (PG&E)	1.5	\$ 400.00	\$ 600.00
Matthew Bowser	10/16/19	Perform manager review of proposed governance document structure for 2020 inspections planning program developed by F. Shammo (KPMG)	1.7	\$ 400.00	\$ 680.00
Jon Guth	10/16/19	(1.8) Perform updates to the hosting workstream work plan, as of 10/16, based on current status of tasks, updates from the Python workstream	1.8	\$ 400.00	\$ 720.00
Eric Janes	10/16/19	(2.2) Continued, as of 10/16, preparation of Data Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	2.2	\$ 400.00	\$ 880.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	10/16/19	(1.0) Meeting with K. Loomis, D. Kida (PG&E), J. White, M. Broida, L. Cai (KPMG), as of 10/16, to review field testing results on the revised Tree Assessment Tool (TAT), the final review of the TAT whitepaper and progress on tool digitalization. (1.0) Participated in a demo of the digitalized Tree Assessment Tool (TAT) provided by B. Kirk (PG&E) and S.Fairchild (PG&E). Other meeting participants included K. Loomis (PG&E), D. Kida (PG&E), M. Broida (KPMG) and L. Cai (KPMG). The purpose of the demo was to evaluate progress to date on all features of the Microsoft Excel-based tool that had been incorporated, evaluation of a sample trees and how the tool would function and a discussion of a timeline to roll out the digitalized tool. (0.5) Met with M. Broida (KPMG), A.Franke (KPMG) and R. Saboo (KPMG) to discuss updates on the Vegetation Prioritization modeling work, possible scenarios for delivering milestones as agreed upon in the scope of work and a timeline for acquiring data and meeting key PG&E stakeholders. (0.5) Reviewed additional results from the field testing of the revised Tree Assessment Tool provided by K. Loomis (PG&E) and D. Kida(PG&E). Updated the relevant Microsoft Excel and PowerPoint analyses/outputs.	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/16/19	Attend afternoon session of PG&E 2020 Inspections planning workshop -focus on knowledge sharing of gap closures across T/D/S	3.0	\$ 400.00	\$ 1,200.00
Miki Suga	10/16/19	(3.0) As follow-up from PG&E meeting, perform analysis regarding stratify sampling with 2-dimension set up, univariate analysis approach, Maximum Likelihood calculation proof for Poisson model.	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/16/19	Attend morning session of 2020 inspections program working session led by R. Movafagh (PG&E) - focus on continued governance document development with Substation team (B. Nei, PG&E).	3.7	\$ 400.00	\$ 1,480.00
Eric Janes	10/16/19	(3.7) Continue, on 10/16, preparing Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	3.7	\$ 400.00	\$ 1,480.00
Eric Janes	10/16/19	(3.8) Continued, as of 10/16, to prepare Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	3.8	\$ 400.00	\$ 1,520.00
farbod Farzan	10/16/19	(0.5) Call with B. Wei (KPMG) to discuss DER model in order to find out the applicability of the model for tranching distribution overhead circuits.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/16/19	(0.5) Call with J. White (KPMG) to discuss the tranching methodology for distribution overhead circuits.	0.5	\$ 325.00	\$ 162.50

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Taylor DeGrande	10/16/19	(0.5) Prepare for morning workshop led by J. Birch (PG&E) by updated agenda and each LOB (T/D/S) status	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/16/19	(0.5) Updated weekly summary slides sent to M. Bowser (KPMG) for review prior to J. Birch (PG&E) distributing to 2020 Inspection Team	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/16/19	(1.0) Meeting with J. Glassman (Exponent) to discuss the outcome of transmission overhead tranching with operability assessment model developed by Exponent.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/16/19	(1.0) Call with T. McCartney (PG&E) to discuss the DE bowtie and potential issues with current DE approach;	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/16/19	(1.0) Meeting with D. Pant (PG&E) to discuss new data sets and their potential use in the DE spreadsheet;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/16/19	(1.0)Attend 10/16 morning workshop led by J. Birch (PG&E), attended with M. Bowser (KPMG)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/16/19	(1.0)Afternoon workshop led by J. Birch (PG&E) attended with M. Bowser (KPMG)	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/16/19	(1.0) Tested poisson regression distribution assumptions, concurrently testing the outage distribution over time.	1.0	\$ 325.00	\$ 325.00
Tanveer Abbas	10/16/19	Continue, as of 10/16, to install / test Python model Install pre-requisites for Seldon Core installation; specifically installing several packages / software (like specific Python version) on the laptop	1.1	\$ 325.00	\$ 357.50
Marcus Xu	10/16/19	(1.5) Participated in Regression Rationale meeting with J. White, D. Ross, M. Suga, M. Xu, J. Gonzales (KPMG), J. Thalman, Y. Oum, I. Catherine (PG&E)	1.5	\$ 325.00	\$ 487.50
Drew Esler	10/16/19	Continued, as of 10/16, development of python test scripts for Module 5, concurrently updating the module 5 code so that it followed pep8 formatting at the request of the client.	1.6	\$ 325.00	\$ 520.00
Yaz Yuan	10/16/19	(2.1) Continued from earlier on 10/16 developing a class of test scripts for Module 5 import, concurrently cleaning codes.	2.1	\$ 325.00	\$ 682.50
Will Brennan	10/16/19	(2.3) Revised master DE spreadsheet to flag duplicates and problematic entries for future exclusion.	2.3	\$ 325.00	\$ 747.50
Marcus Xu	10/16/19	(2.5) Researched the poisson/negative-binomial regression assumptions and methods to estimate the coefficients	2.5	\$ 325.00	\$ 812.50
Yaz Yuan	10/16/19	(2.9) Began developing a class of test scripts for Module 5 import, concurrently cleaning codes;	2.9	\$ 325.00	\$ 942.50
farbod Farzan	10/16/19	(3.0) Session with W. Brennan (KPMG) on GNT tracker dataset in order to root-cause the discrepancies between recorded HFTD zones and identified zones via CalFire shapefiles.	3.0	\$ 325.00	\$ 975.00
Will Brennan	10/16/19	(3.0) Analysis of new data sets received by J. Crowe (PG&E) for applicability in DE spreadsheet;	3.0	\$ 325.00	\$ 975.00

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Taylor DeGrande	10/16/19	(3.0) Attended morning session of Mobile Engage and Inspect Demo and workshop led by L. LoGrande (PG&E)	3.0	\$ 325.00	\$ 975.00
Taylor DeGrande	10/16/19	(3.0) Attended afternoon workshop of Mobile Engage and Inspect Demo led by L. LoGrande (PG&E)	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/16/19	(3.0) Re-evaluated the regression rationale, concurrently researching MLE method to estimate the parameters	3.0	\$ 325.00	\$ 975.00
Yaz Yuan	10/16/19	(3.0) Researching pytest python module online in order to develop testing code for the client	3.0	\$ 325.00	\$ 975.00
Drew Esler	10/16/19	Continued, from earlier on 10/16, creation of python test scripts for Module 5, also updating most of the module 5 code so that it followed pep8 formatting at the request of the client.	3.1	\$ 325.00	\$ 1,007.50
farbod Farzan	10/16/19	(3.4) Developing the distribution overhead tranching methodology, concurrently validating the methodology using outage dataset.	3.4	\$ 325.00	\$ 1,105.00
Drew Esler	10/16/19	Continued, as of 10/16, to create python test scripts for Module 5, concurrently updating most of the module 5 code so that it followed pep8 formatting at the request of the client.	3.7	\$ 325.00	\$ 1,202.50
Tanveer Abbas	10/16/19	Continue, from earlier on 10/16, to install / test Python model Install pre-requisites for Seldon Core installation; specifically installing several packages / software (like specific Python version) on the laptop	3.9	\$ 325.00	\$ 1,267.50
Dennis Cha	10/16/19	0.5 Review of the Pole Integrity Final Summary report to cover the Pole Integrity Assessment program details and key findings identified as a result of the execution work related to pole prioritization modeling, field validation inspections review, and development roadmap for enhancing the program in 2020 and beyond.	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/16/19	0.5 2020 Inspections Planning with J. Birch (PG&E), (No Suggestions), M. Bowser (KPMG)	0.5	\$ 275.00	\$ 137.50
Trent Anderson	10/16/19	0.5 Review of the Pole Integrity Final Summary report with D. Cha (KPMG) to cover the Pole Integrity Assessment program details and key findings identified as a result of the execution work related to pole prioritization modeling, field validation inspections review, and development roadmap for enhancing the program in 2020 and beyond. /	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/16/19	0.7 Based on the request from M. Esguerra (PG&E), reviewed the next steps for WSIP compliance plan for status tracking of EC Optimization Program tags and preparation of quarterly updates.	0.7	\$ 275.00	\$ 192.50
Fran Shammo	10/16/19	1.0 Consolidated findings from Monday's Gap Assessment meeting to prepare to publish current results	1.0	\$ 275.00	\$ 275.00

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Fran Shammo	10/16/19	1.0 Attend meeting: Electric System Inspection and Maintenance requirements and plan (2020 and beyond) SRCC - review of New Inspect Overview	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/16/19	1.0 Attend transmission ETPM huddle / breakout meeting to review progress as of 10/16	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/16/19	1.0 Email correspondence and PMO operations to collect / gather the most up to date gap assessment trackers from teams to consolidate pivots in order to construct an up to date snap shot of progress at mid week.	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/16/19	(1.0) Summarized vegetation outages by distribution and transmission	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/16/19	(1.2) Performed analysis to check for linkage between vegetation outage data and ILIS outage data	1.2	\$ 275.00	\$ 330.00
Fran Shammo	10/16/19	1.3 Consolidate information obtained from Focus Group meeting, concurrently revising Huddle Board Progress Tracker for tomorrows presentations along with gap assessment status boxes;	1.3	\$ 275.00	\$ 357.50
Dennis Cha	10/16/19	1.7 Based on the request from J.C. Mathieson (PG&E), analyzed clusters of tags by circuit-level in Butte fire area for status and priority of EC Optimization tags.	1.7	\$ 275.00	\$ 467.50
Fran Shammo	10/16/19	2.5 Attend focus meeting for Electric System Inspection and Maintenance requirements and plan (2020 and beyond) SRCC - San Ramon Conference Center focus on each team (T/D/S) status;	2.5	\$ 275.00	\$ 687.50
Fran Shammo	10/16/19	2.5 Revise slides in agenda deck to reflect revised pivot numbers for the week.	2.5	\$ 275.00	\$ 687.50
Brian Wei	10/16/19	(2.7) Converted geodatabase files to csv format through R	2.7	\$ 275.00	\$ 742.50
Brian Wei	10/16/19	(3.1) Updated Alteryx workflow for calculating probability of vegetation-related FE for DE impact model	3.1	\$ 275.00	\$ 852.50
Dennis Cha	10/16/19	3.4 Based on the request from J.C. Mathieson (PG&E), visualized data onto Tableau and PowerPoint slide the clusters of tags by circuit-level in Butte fire area for status and priority of EC Optimization tags.	3.4	\$ 275.00	\$ 935.00
Trent Anderson	10/16/19	3.6 Performed updates to the Pole Integrity Final Summary report per comments from D. Cha (KPMG) to address corrections to the process flow of the Pole Integrity Program and methods established to validate and verify model accuracy with field inspection activities /	3.6	\$ 275.00	\$ 990.00
Dennis Cha	10/16/19	3.7 Updated ECOP Final Summary slides 1-21 based on comments from M. Bowser (KPMG - engagement manager).	3.7	\$ 275.00	\$ 1,017.50
Trent Anderson	10/16/19	3.9 Continued to program the Alteryx Mode, addressing errors / bugs identified by the Alteryx debugger system regarding invalid computations which resulted in null values for some test results	3.9	\$ 275.00	\$ 1,072.50

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Adrian Irwin	10/17/19	(1.1) Review of technical architecture work to date in preparation for upcoming meeting with client.	1.1	\$ 325.00	\$ 357.50
Adrian Irwin	10/17/19	(1.0) Technical Architecture Review meeting to review the level 1 architecture created by KPMG as well as to discuss several open technical topics to inform requirements gathering and API specifications. Attendees: P. Baker, J.E. Thalman (PG&E), T. Abbas, J. Guth, D. Ross, E. Janes (KPMG)	1.0	\$ 325.00	\$ 325.00
Adrian Irwin	10/17/19	(0.3) Hosting Workstream Call (10/17) to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas (KPMG)	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/17/19	(3.8) Incorporating feedback from the Technical Architecture Review meeting into the existing diagram / architecture plans.	3.8	\$ 325.00	\$ 1,235.00
Adrian Irwin	10/17/19	(1.8) Perform senior associate review, as of 10/17, of progress on the Seldon/Python sample testing.	1.8	\$ 325.00	\$ 585.00
Arun Mani	10/17/19	Call with D. Pant (PG&E)	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/17/19	Call with N. Saegasser (PG&E) regarding resourcing	0.5	\$ 500.00	\$ 250.00
Reid Tucker	10/17/19	(0.7) AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream	0.5	\$ 500.00	\$ 250.00
Juan Gonzalez III	10/17/19	(1.0) Regression Approach Review Meeting Debrief. Attendees: D. Ross, J. White, A. Mani, M. Xu, B. Wei (KPMG).	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/17/19	(1.0) Regression Approach Review Meeting Debrief. Attendees: D. Ross, J. White, J. Gonzalez, M. Xu, B. Wei (KPMG).	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/17/19	(1.0) Meeting with J. White, J. Gonzalez, D. Ross, M. Xu, B. Wei (KPMG) to debrief on comments on DE impact model from Y. Oum and C. Izard (PG&E) and to coordinate next steps.	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/17/19	(1.0) Distribution risk modeling data preparation approach for workshop preparation D. Ross, M. Xu, B. Wei (KPMG)	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/17/19	(1.0) Participated in meeting with A. Mani, G. Armstrong, J. Gonzalez, D. Ross, M. Xu, B. Wei (KPMG) to debrief on comments on DE impact model from Y. Oum and C. Izard (PG&E) and to coordinate next steps.	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/17/19	(1.5) Meeting with J. Thalman (PG&E) to plan for a modeling approach workshop with EORM and Data Science Modeling team	1.5	\$ 475.00	\$ 712.50
Matt Broida	10/17/19	(0.5) Discussion with A. Irwin (KPMG) on legacy coding issues from Task 3, Phase 2 and required documentation;	0.5	\$ 435.00	\$ 217.50

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Asset Management Services

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Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/17/19	0.7 AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each workstream.	0.7	\$ 435.00	\$ 304.50
Matt Broida	10/17/19	(2.5) Collection, review and revision of AMS reporting material as of 10/17 for ultimate communication to PG&E	2.5	\$ 435.00	\$ 1,087.50
Jon Guth	10/17/19	(.6) Follow-up with T. Abbas on process of installation of Seldon and running locally in order to be able to run a sample Python model on top of it.	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/17/19	(.6) Hosting Workstream Call to discuss progress as of 10/17, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG).	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/17/19	(.6) Document weekly accomplishments, goals for next week, challenges and concerns to D. Ross for inclusion in weekly summary report for PG&E	0.6	\$ 400.00	\$ 240.00
Eric Janes	10/17/19	(1.0) Attended Technical Architecture Review to provide support / insight on python development and data engineering	1.0	\$ 400.00	\$ 400.00
Eric Janes	10/17/19	(1.0) Continued, as of 10/17, to prepare Data Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	1.0	\$ 400.00	\$ 400.00
Eric Janes	10/17/19	(1.0) Meeting with Y. Yuan, A. Esler (KPMG) to perform internal code review for PG&E python development	1.0	\$ 400.00	\$ 400.00
Jon Guth	10/17/19	(1.0) Technical Architecture Review meeting to review the level 1 architecture created by KPMG as well as to discuss several open technical topics to inform requirements gathering and API specifications. Attendees: P. Baker, J.E. Thalman (PG&E), A. Irwin, T. Abbas, D. Ross, E. Janes (KPMG)	1.0	\$ 400.00	\$ 400.00
David Ross	10/17/19	1.0 meeting with J. White, B. Wei, M. Xu (KPMG) to review all data sets used in the distribution risk model and analyze trends to be presented to PG&E	1.0	\$ 400.00	\$ 400.00
David Ross	10/17/19	1.0 meeting with P. Baker (PG&E), J. Guth, A. Irwin, E. Janes (KPMG) to analyze level 1 technical architecture for distribution risk model and obtain PG&E feedback to progress to level 2	1.0	\$ 400.00	\$ 400.00
David Ross	10/17/19	1.0 Participated in meeting with A. Mani, G. Armstrong, J. Gonzalez, J. White, M. Xu, B. Wei (KPMG) to debrief on comments on DE impact model from Y. Oum and C. Izard (PG&E) and to coordinate next steps	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/17/19	Revise weekly summary along with daily huddle boards to document 2020 inspections planning PMO progress for week of 10/14.	1.1	\$ 400.00	\$ 440.00

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Name	Date	Description	Hours	Rate	Amount
David Ross	10/17/19	1.1 Continued, as of 10/17, at the request of PG&E, to develop presentation of all data sets utilized in distribution risk model and show characteristics about data and underlying trends	1.1	\$ 400.00	\$ 440.00
Matthew Bowser	10/17/19	Develop weekly 2020 inspections planning leadership summary for distribution by R. Movafagh (PG&E)	1.2	\$ 400.00	\$ 480.00
Jon Guth	10/17/19	(1.2) Prepared for technical architecture review meeting with P. Baker (PG&E) by reviewing Level 1 diagram as well as the list of open technical topics that we want to cover.	1.2	\$ 400.00	\$ 480.00
Eric Janes	10/17/19	(1.5) Meeting with P. Baker (PG&E) and E. Janes (KPMG) to walk through Data Engineering expectations and share Data Engineering Mapping document	1.5	\$ 400.00	\$ 600.00
Jon Guth	10/17/19	(1.6) Manager review of updates to hosting application API requirements and specs as updated by A. Irwin (KPMG).	1.6	\$ 400.00	\$ 640.00
Eric Janes	10/17/19	(2.0) Continue, as of 10/17, to prepare Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/17/19	Attend 10/17 morning session of 2020 inspections work planning program led by R. Movafagh (PG&E)	2.9	\$ 400.00	\$ 1,160.00
Eric Janes	10/17/19	(3.0) Continue, as of 10/17, preparing Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/17/19	Attend 10/17 afternoon session of 2020 Inspections Work Planning program led by R. Movafagh (PG&E)	3.9	\$ 400.00	\$ 1,560.00
David Ross	10/17/19	3.9 At the request of PG&E, develop presentation of all data sets utilized in distribution risk model, showing characteristics about data and underlying trends	3.9	\$ 400.00	\$ 1,560.00
Tanveer Abbas	10/17/19	(.3) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas (KPMG) and A.Irwin.	0.3	\$ 325.00	\$ 97.50
Taylor DeGrande	10/17/19	(0.5)Prepare for morning workshops huddle by updating agenda and previous days activities to be led by J. Birch (PG&E)	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/17/19	(0.5) Follow up on action items / update process maps discussed in technology huddle led by J. Birch (PG&E)	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/17/19	(0.5) Performed Technical Architecture Review as of 10/17	0.5	\$ 325.00	\$ 162.50

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Name	Date	Description	Hours	Rate	Amount
Taylor DeGrande	10/17/19	(0.7) AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream	0.7	\$ 325.00	\$ 227.50
farbod Farzan	10/17/19	(1.0) Meeting with D. Pant (PG&E), W. Brennan (KPMG) to discuss project status and next steps, as of 10/17, on DE bowtie and distribution overhead and underground bowties.	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/17/19	(1.0) Call with J. Wong (PG&E), S. Camera (PG&E), B. Shah, Bhavini (PG&E), E. DeVaughn (PG&E), and B. Wong (PG&E) to discuss Real estate and facilities FE risk.	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/17/19	(1.0) Morning workshop led by J. Birch (PG&E) attended with M. Bowser, (KPMG)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/17/19	(1.0) Draft weekly summary highlight LOB progress as of 10/17 for communications email to be distributed by J. Birch (PG&E).	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/17/19	(1.0)Attended meeting led by J. Birch (PG&E) to discuss SAP data analysis for Substation inspections/testing	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/17/19	(1.0)Attended meeting led by J. Birch (PG&E) for Technology huddle with J. Kim (PG&E) and D.Tambuyat (PG&E)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/17/19	(1.0)Attended afternoon workshop led by J. Birch (PG&E) attended with M. Bowser, (KPMG)	1.0	\$ 325.00	\$ 325.00
Drew Esler	10/17/19	(1.0) Meeting with Y. Yuan, E. Janes (KPMG) to perform internal code review for PG&E python development	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/17/19	(1.0) Participated in meeting with A. Mani, G. Armstrong, J. Gonzalez, J. White, D. Ross, B. Wei (KPMG) to debrief on comments on DE impact model from Y. Oum and C. Izard (PG&E) and to coordinate next steps;	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/17/19	(1.0) Validated the EC-Tag workflow and provide EC-Tag grouping logic to E. Janes	1.0	\$ 325.00	\$ 325.00
Tanveer Abbas	10/17/19	(1.0) Technical Architecture Review meeting to review the level 1 architecture created by KPMG as well as to discuss several open technical topics to inform requirements gathering and API specifications. Attendees: P. Baker, J.E. Thalman (PG&E), A. Irwin, J. Guth, D. Ross, E. Janes (KPMG)	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/17/19	(1.5) Analyzed gap between wire down distribution incidents from the distribution outage data set to the 2017 RAMP filing;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/17/19	(2.0) Refined DE spreadsheet to incorporate cleaner formulas and data for ease of use and review by other members of bowtie team.	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Taylor DeGrande	10/17/19	(2.2) Review each LOBs gap assessments with F. Shammo (KPMG) for following up with each organization's lead	2.3	\$ 325.00	\$ 747.50
Will Brennan	10/17/19	(2.5) Checked number of outages with GNTs in both DE bowtie and distribution overhead bowtie;	2.5	\$ 325.00	\$ 812.50
Marcus Xu	10/17/19	(3.0) Analyzed ILIS Outage Data by breaking down outage by MED/Non-MED, Asset Type, over time	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/17/19	(3.0) Analyzed STAR_Conductor data to evaluate missing values, concurrently created visualization for conductor length miles breaking down by installation year, material, conductor size	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/17/19	(3.0) Continue, as of 10/17, installation of Seldon/ testing of sample Python model.	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/17/19	(3.1) Continuation, as of 10/17, development of tranche methodology for distribution overhead circuits, analyzing the significance via the frequency of outage events.	3.1	\$ 325.00	\$ 1,007.50
Drew Esler	10/17/19	After code review, revised module 5 main python code along with test scripts based on meeting feedback from the review	3.3	\$ 325.00	\$ 1,072.50
farbod Farzan	10/17/19	(3.4) Analysis of distribution outage data, including mapping feeders to HFTD zones, mapping GNT events to outage events as well as translating cause categories and cause details of outage to the driver and sub-drivers of distribution overhead bow-tie.	3.4	\$ 325.00	\$ 1,105.00
Drew Esler	10/17/19	Continued, from earlier on 10/17, to revise module 5 main python code / test scripts based on meeting feedback from the review	3.7	\$ 325.00	\$ 1,202.50
Dennis Cha	10/17/19	0.5 Developed the agenda / meeting materials for AMS Task 2 Weekly Coordination today.	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/17/19	0.7 AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each workstream.	0.7	\$ 275.00	\$ 192.50
Dennis Cha	10/17/19	0.7 Based on the request from J.C. Mathieson (PG&E), reviewed / analyzed the list of Task 2 events compared against the EC Optimization Program circuit priority mapping.	0.7	\$ 275.00	\$ 192.50
Fran Shammo	10/17/19	0.7 AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream;	0.7	\$ 275.00	\$ 192.50

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Name	Date	Description	Hours	Rate	Amount
Trent Anderson	10/17/19	0.7 AMS Task 2 meeting with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, and D. Cha (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream. /	0.7	\$ 275.00	\$ 192.50
Fran Shammo	10/17/19	0.8 Attend 2020 Inspections Planning session with entire ETPM Team	0.8	\$ 275.00	\$ 220.00
Brian Wei	10/17/19	(1.0) Participated in meeting with A. Mani, G. Armstrong, J. Gonzalez, J. White, D. Ross, M. Xu (KPMG) to debrief on comments on DE impact model from Y. Oum and C. Izard (PG&E) and to coordinate next steps	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/17/19	1.2 Based on initial discussion with J. Birch (PG&E), reviewed and planned for 2020 inspection planning prioritization scope and approach.	1.2	\$ 275.00	\$ 330.00
Brian Wei	10/17/19	(1.8) Continued from earlier on 10/17 to create presentation for client workshop, inclusive of data visualizations for outages and assets in various presentations (bar graphs, stacked bar graphs, tables)	1.8	\$ 275.00	\$ 495.00
Fran Shammo	10/17/19	2.0 Attend meeting regarding Electric System Inspection and Maintenance requirements and plan (2020 and beyond)	2.0	\$ 275.00	\$ 550.00
Trent Anderson	10/17/19	2.0 Downloaded latest data output for pole inspections via Tableau server, uploading data to shared folder, also completed loading new dataset into the Alteryx Model to compute changes to the Pole Integrity pole population	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/17/19	(2.2) In preparation for meeting with P. Baker, J. Thalman (PG&E) reviewed the DE impact model and mapping of data	2.2	\$ 275.00	\$ 605.00
Fran Shammo	10/17/19	3.0 Perform Gap Assessment consolidation, concurrently reviewing results, utilizing most current gap trackers prepare for final reporting on status update for week end meeting.	3.0	\$ 275.00	\$ 825.00
Dennis Cha	10/17/19	3.8 Updated EC Optimization Program final summary deck slides 1-21 on wording and formatting based on comments from M. Bowser (KPMG - engagement day-to-day manager), particularly on the description integrity and information consistency.	3.8	\$ 275.00	\$ 1,045.00
Trent Anderson	10/17/19	3.8 Continued, as of 10/17, to program the Alteryx Model / workout errors and bugs identified by the Alteryx debugger system regarding incorrect prioritizations due to error in calculations for Pole Loading where no loading values are available and the workflow assigning a value of zero when it should be null and omitted from the final prioritization output /	3.8	\$ 275.00	\$ 1,045.00

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Name	Date	Description	Hours	Rate	Amount
Brian Wei	10/17/19	(3.9) Began creating data visualizations (to prepare for client workshop) for outages /assets in various presentations, from bar graphs, stacked bar graphs, tables	3.9	\$ 275.00	\$ 1,072.50
Adrian Irwin	10/18/19	(0.3) Meeting with Y. Yuan, E. Janes, J. Guth, D. Ross, B. Wei, (KPMG) to align, as of 10/18 on dependencies / schedule for work streams.	0.3	\$ 325.00	\$ 97.50
Adrian Irwin	10/18/19	(0.2) Conversation with J. Guth (KPMG) re: start time for services developer	0.2	\$ 325.00	\$ 65.00
Adrian Irwin	10/18/19	(0.7) Hosting Workstream Call to discuss progress, as of 10/18, plans for upcoming activity, any roadblocks to progress, with J. Guth, T. Abbas (KPMG)	0.7	\$ 325.00	\$ 227.50
Adrian Irwin	10/18/19	(3.0) Continued,as of 10/18, development of technical architecture /implementation plan.	3.0	\$ 325.00	\$ 975.00
Adrian Irwin	10/18/19	(3.8) Perform research on Seldon/Kubernetes for cluster management for part of potential solution for PG&E	3.8	\$ 325.00	\$ 1,235.00
Jonathan White	10/18/19	(1.7) Participated in meeting with D. Ross, M. Xu, B. Wei (KPMG) to discuss available data and exploration of data for DE impact model;	1.7	\$ 475.00	\$ 807.50
Jonathan White	10/18/19	(2.0) Managing director review of distribution risk modeling agenda for upcoming meeting with client.	2.0	\$ 475.00	\$ 950.00
Matt Broida	10/18/19	(0.5) Incorporate revisions to AMS reporting package as of 10/18 for communication to PG&E	0.5	\$ 435.00	\$ 217.50
Jon Guth	10/18/19	(.2) Communication with A.Irwin on best timing to begin on Web Services developer given the changes in the project schedule and timelines.	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/18/19	(.2) Review communications between A. Irwin and E. Janes pertaining to per-asset processing of the model;	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/18/19	(0.3) Meeting with A. Irwin, Y. Yuan, E. Janes, T. Abbas, D. Ross, B. Wei, (KPMG) to align on dependencies / schedule for work streams as of 10/18.	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/18/19	(.3) PG&E Update call with D. Ross to discuss high level status of the methodology workstream of the engagement.	0.3	\$ 400.00	\$ 120.00
David Ross	10/18/19	(0.3) Meeting with A. Irwin, Y. Yuan, E. Janes, T. Abbas, D. Ross J. Guth, B. Wei (KPMG) to align on dependencies / schedule for work streams as of 10/18.	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/18/19	(0.3) Meeting with A. Irwin, Y. Yuan, T. Abbas, D. Ross, J. Guth, B. Wei (KPMG) to align on dependencies / schedule for work streams as of 10/18.	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/18/19	(0.3) Meeting with Y. Yuan, A. Esler (KPMG) to align on python development / dependencies on model acceptance	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/18/19	(.6) Analyze outcomes / input from the technical architecture review meeting to determine updates needed to the next version (Level 2) of the architecture diagrams.;	0.6	\$ 400.00	\$ 240.00

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Name	Date	Description	Hours	Rate	Amount
Jon Guth	10/18/19	(.6) Reviewed work plan, updating status of activities as of 10/18, concurrently identifying activities for next week for communication to PG&E	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/18/19	(.7) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG).	0.7	\$ 400.00	\$ 280.00
Eric Janes	10/18/19	(.9) Continue, as of 10/18, to prepare Data Engineering mapping document for REAX in preparation for discussions with PG&E stakeholders	0.9	\$ 400.00	\$ 360.00
Eric Janes	10/18/19	(1.0) Continue, as of 10/18, preparing Data Engineering mapping document for EC Tagging in preparation for discussions with PG&E stakeholders	1.0	\$ 400.00	\$ 400.00
Eric Janes	10/18/19	(1.0) Continue, as of 10/18, preparation of Data Engineering mapping document for Egress in preparation for discussions with PG&E stakeholders	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/18/19	Review email communications forwarded by R. Movafagh (PG&E) regarding GOV 1038 scoping and alignment across Electric Operations patrols and inspections program for alignment and initiative scoping	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/18/19	(1.1) Review and currently perform updates to information collected by T. Abbas from technical architecture meeting with P. Baker (PG&E)	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/18/19	(1.2) Manager review of the updates, as of 10/18, to the Wiki documentation on the Model Results - Output Handling that A.Irwin performed, including reviewing Test Case, as well as Benchmarks	1.2	\$ 400.00	\$ 480.00
Matthew Bowser	10/18/19	Review GOV 1038 standard developed by C. Cowser (PG&E) for in-scope portions relative to 2020 Inspections Planning program.	1.3	\$ 400.00	\$ 520.00
David Ross	10/18/19	(1.7) Participated in meeting with J. White, M. Xu, B. Wei (KPMG) to discuss available data and exploration of data for DE impact model	1.7	\$ 400.00	\$ 680.00
Matthew Bowser	10/18/19	Perform manager review of 2020 inspections planning summary deck developed by T. DeGrande (KPMG) for issuance to J. Birch (PG&E)	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/18/19	Develop inspections process high-level process map as requested by J. Birch and L. LoGrande (PG&E).	2.1	\$ 400.00	\$ 840.00
David Ross	10/18/19	2.1 Continued, from earlier on 10/18, at the request of PG&E, to develop presentation of all data sets utilized in distribution risk model and show characteristics about data and underlying trends, specifically asset condition modifiers Electric Compliance tags, conductor health score and pole load	2.1	\$ 400.00	\$ 840.00

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Name	Date	Description	Hours	Rate	Amount
David Ross	10/18/19	3.9 At the request of PG&E, develop presentation of all data sets utilized in distribution risk model and show characteristics about data and underlying trends, specifically asset condition modifiers Electric Compliance tags, conductor health score and pole load	3.9	\$ 400.00	\$ 1,560.00
Tanveer Abbas	10/18/19	(0.3) Meeting with A. Irwin, Y. Yuan, E. Janes, J. Guth, D. Ross, B. Wei, (KPMG) to align on dependencies / schedule for work streams as of 10/18.	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/18/19	(0.3) Meeting with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to align on dependencies and schedule for work streams;	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/18/19	(0.3) Meeting with A. Irwin, D. Esler, Y. Yuan, E. Janes, T. Abbas, J. Mahoney, D. Ross, J. Guth, B. Wei, M. Suga (KPMG) to update the next step for coding phase.	0.3	\$ 325.00	\$ 97.50
Yaz Yuan	10/18/19	(0.4) Meeting preparation to walk through current code and discuss testing modules	0.4	\$ 325.00	\$ 130.00
Will Brennan	10/18/19	(0.5) Morning check-in with D. Pant (PG&E) to discuss DE bowtie progress and issues;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/18/19	(0.5) Call with B. Wong (PG&E) and D. Pant (PG&E) to discuss DE bowtie and status as of 10/18	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/18/19	(0.5) Added a column in new CPUC reportable GNT spreadsheet to indicate whether or not an GNT is associated with a transmission or distribution outage.	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/18/19	(0.5) Update gap assessment tracking sheet as requested by J. Birch (PG&E) to include in weekly summary to 2020 inspection	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/18/19	(.5) Participated in Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with A.Irwin (KPMG)	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/18/19	(0.7) Perform initial mapping of fire size DE to be reviewed by D. Pant (PG&E);	0.7	\$ 325.00	\$ 227.50
Taylor DeGrande	10/18/19	(1.0) Review weekly summary with J. Birch (PG&E)	1.0	\$ 325.00	\$ 325.00
Yaz Yuan	10/18/19	(1.0) Meeting with D. Esler, E. Janes (KPMG) to validate the model and discuss testing scripts.	1.0	\$ 325.00	\$ 325.00
Lucy Cai	10/18/19	1.5: Made additional updates to budget given changes to pulled WIP	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/18/19	(1.5) Update gap assessment based on latest information provided by each LOB (T/S/D) lead team	1.5	\$ 325.00	\$ 487.50
Marcus Xu	10/18/19	(1.7) Participated in meeting with J. White, D. Ross, B. Wei (KPMG) to discuss available data and exploration of data for DE impact model	1.7	\$ 325.00	\$ 552.50
Tanveer Abbas	10/18/19	Continued, from earlier on 10/18, Seldon install / testing of Python model on laptop; specifically installing Seldon with its dependencies	1.8	\$ 325.00	\$ 585.00
farbod Farzan	10/18/19	(2.0) Updating GNT tracker dataset along with reportable CPUC GNTs dataset in order to add outage IDs to the reportable dataset.	2.0	\$ 325.00	\$ 650.00

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Case No. 19-30088
 Asset Management Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Will Brennan	10/18/19	(2.0) Added spatial mapping to indicate whether GNT events were in Tier 2, Tier 3, or a non-HFTD Fire Zone;	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/18/19	(2.0) Review / update status update report draft initially developed by F. Shammo (KPMG) to send to M. Bowser prior to distributing to J. Birch (PG&E)	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/18/19	(2.1) Performed initial mapping of DE drivers and subdrivers to be reviewed by D. Pant (PG&E) for both the years of 2014-2017 and for 2018;	2.1	\$ 325.00	\$ 682.50
farbod Farzan	10/18/19	(2.7) Analysis of distribution star dataset along with GIS dataset in order to match feeder IDs. The result of this practice was identifying retired feeders and also the feeders that have been renamed since 2018.	2.7	\$ 325.00	\$ 877.50
Marcus Xu	10/18/19	(3.0) Prepared model ready data for conductor, pole, transformer, concurrently performed data analysis to document data distribution	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/18/19	Continued, as of 10/18, Seldon install / testing of Python model on laptop; specifically installing Seldon with its dependencies	3.2	\$ 325.00	\$ 1,040.00
farbod Farzan	10/18/19	(3.3) Continuation, as of 10/18, analysis of distribution outage data, including mapping feeders to HFTD zones, mapping GNT events to outage events as well as translating cause categories and cause details of outage to the driver and sub-drivers of distribution overhead bow-tie.	3.3	\$ 325.00	\$ 1,072.50
Marcus Xu	10/18/19	(3.3) Continue to prepare model ready data for conductor, pole, transformer, concurrently performing data analysis to document data distribution	3.3	\$ 325.00	\$ 1,072.50
Will Brennan	10/18/19	(3.4) Consolidated CPUC reportable GNTs into single new master DE sheet, concurrently performing data correction for outages with GNTs;	3.4	\$ 325.00	\$ 1,105.00
Brian Wei	10/18/19	(0.3) Meeting with A. Irwin, Y. Yuan, E. Janes, T. Abbas, D. Ross, J. Guth (KPMG) to align on dependencies / schedule for work streams as of 10/18.	0.3	\$ 275.00	\$ 82.50
Brian Wei	10/18/19	(0.4) Revised graphs of data for the DE impact model to fit within client requested color schemes / format	0.4	\$ 275.00	\$ 110.00
Brian Wei	10/18/19	(0.4) Summarized full list of circuit names and circuit ID numbers	0.4	\$ 275.00	\$ 110.00
Brian Wei	10/18/19	(1.7) Participated in meeting with J. White, D. Ross, M. Xu (KPMG) to discuss available data and exploration of data for DE impact model;	1.7	\$ 275.00	\$ 467.50
Dennis Cha	10/18/19	2.1 Based on the request from M. Esguerra (PG&E), reviewed / analyzed the scope and approach of Task 2 event / FIA area mapping review as a part of EOC support.	2.1	\$ 275.00	\$ 577.50
Brian Wei	10/18/19	(2.3) Summarized asset count by region and division, concurrently creating bar charts to visualize distribution	2.3	\$ 275.00	\$ 632.50

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Brian Wei	10/18/19	(2.9) Investigated eight asset types used in the DE impact model to determine which variables can be used to differentiate risk	2.9	\$ 275.00	\$ 797.50
Fran Shammo	10/18/19	3.8 Continue, as of 10/18, to perform Gap Assessment consolidation, concurrently reviewing results, utilizing most current gap trackers prepare for final reporting on status update for week end meeting.	3.8	\$ 275.00	\$ 1,031.25
Dennis Cha	10/18/19	3.9 Reviewed / updated the EC Optimization Program engineering review procedure to provide to J.. Mathieson (PG&E) for review and approval.	3.9	\$ 275.00	\$ 1,072.50
Eric Janes	10/20/19	(1.5) Prepare for meeting with python development team	1.5	\$ 400.00	\$ 600.00
Reid Tucker	10/21/19	(1.0) Partner review of ECOP transition deck, as of 10/21, for Task 2	1.0	\$ 500.00	\$ 500.00
Matt Broida	10/21/19	(3.0) Review of AMS budget changes, actuals as of 10/21 and PG&E bankruptcy procedures compliance.	3.0	\$ 435.00	\$ 1,305.00
Jon Guth	10/21/19	(.3) Communication with J. Donaghy (KPMG) regarding the current status of the engagement and associated delays.	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/21/19	(.3) Follow-up with T. Abbas (KPMG) regarding the status of his access to PG&E network and resources.	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/21/19	(.3) Review email from A. Irwin on the details we are looking for regarding the MVP Python code to inform on our architecture.	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/21/19	(.4) Discussion with A. Irwin regarding open technical items and requirements we need to collect as of 10/21	0.4	\$ 400.00	\$ 160.00
Eric Janes	10/21/19	(0.4) Call with G. Koenig to discuss python design and dependencies for DER model	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/21/19	(.5) Hosting Workstream 10/21 Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
David Ross	10/21/19	.9 working session with B. Wei, M. Xu (KPMG) to determine breakdown of work for data presentation to PG&E and what data analysis needs to be completed for each model component	0.9	\$ 400.00	\$ 360.00
Eric Janes	10/21/19	(1.0) Reviewed, concurrently clarified comments in the Data Engineering mapping document for data preparation steps for DER model build	1.0	\$ 400.00	\$ 400.00
Jon Guth	10/21/19	(1.1) Manager review of technical documentation, providing feedback to team members on the hosting requirements / API technical specifications to date.	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/21/19	(1.2) Update work plan as of 10/21 based on input from team members to share with PG&E	1.2	\$ 400.00	\$ 480.00
Eric Janes	10/21/19	(2.1) Revised project schedule to include updates to tasks, timelines due to DER model development dependencies	2.1	\$ 400.00	\$ 840.00

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Name	Date	Description	Hours	Rate	Amount
Eric Janes	10/21/19	(3.0) Design visual workflow for Data Engineering mapping document for data preparation steps for DER model build	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/21/19	Review gap assessment summary updates provided by transmission, distribution and substation teams and summarize for gap closure work plan to be submitted to R. Movafagh (PG&E) for tomorrow's working session.	3.1	\$ 400.00	\$ 1,240.00
Matthew Bowser	10/21/19	Begin development of narrative document for progress to date of 2020 inspections team at the request of J. Birch (PG&E)	3.2	\$ 400.00	\$ 1,280.00
David Ross	10/21/19	3.2 Analyzed EC Tag Data, vegetation outage data and conductor health score data provided by PG&E to develop presentation to PG&E EORM and Strategic Data Science Teams on data trends	3.2	\$ 400.00	\$ 1,280.00
Eric Janes	10/21/19	(3.4) Developed Data Engineering mapping document for data preparation steps for DER model build	3.4	\$ 400.00	\$ 1,360.00
Matthew Bowser	10/21/19	Attend 10/21 working session with J. Birch (PG&E) for weekly 2020 Inspections planning meeting to develop weekly plan for program teams.	3.5	\$ 400.00	\$ 1,400.00
Miki Suga	10/21/19	(3.8) Prepare ppt slides to document data preparation for the regression model, documenting process regarding model-ready dataset, creation from raw outage data and raw asset data, how each was aggregated to join.	3.8	\$ 400.00	\$ 1,520.00
David Ross	10/21/19	3.9 In order to develop presentation to PG&E EORM and Strategic Data Science Teams on data trends, analyzed Weather station data, SOPP model data, OPW data provided by PG&E	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/21/19	(4.2) Completed univariate analysis for each of the potential covariates to be used for conductor Poisson Regression for Dx DE model (inclusive of correlation matrix, scatter plot of x vs y, scatter plot after transformation (log, sq, sort))	4.2	\$ 400.00	\$ 1,680.00
Will Brennan	10/21/19	(0.5) Cross-checked DE data bowtie for 2014 - 2018 to confirm that no outage record ID was missing for risk input sheet;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/21/19	0.5 PMO call with M. Bowser, T. DeGrande (KPMG), J. Birch (PG&E), S. Menser (PG&E) R. Movafagh (PG&E) to review project status and weekly work plan.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/21/19	(1.3) Meeting with B. Wong (PG&E), S. Vanukuri (PG&E) to discuss DE bowtie progress and outstanding items.	1.3	\$ 325.00	\$ 422.50
Will Brennan	10/21/19	(1.3) Meeting with B. Wong (PG&E), F. Farzan (KPMG) to discuss the DE bowtie risk input sheet preparation process;	1.3	\$ 325.00	\$ 422.50
Will Brennan	10/21/19	(1.5) Meeting with B. Wong (PG&E), Y. Oum (PG&E) and W. Brennan (KPMG) to further discuss DE bowtie and possible refinements;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/21/19	(1.5) Meeting with D. Pant (PG&E) to discuss updates on the DE bowtie and bottlenecks;	1.5	\$ 325.00	\$ 487.50

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Taylor DeGrande	10/21/19	1.8 Working session with F. Shammo (KPMG) to consolidate finding from three other working sessions into a formalized precise bulletin which would be used to present findings to PG&E PMO leaders.	1.8	\$ 325.00	\$ 585.00
Will Brennan	10/21/19	(2.0) Revised DE GNT categorization between distribution and transmission as requested by B. Wong (PG&E);	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/21/19	(2.0) Developed R code as a template to output relationship and distribution charts of circuit level model ready data	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/21/19	(2.5) Categorized GNTs by unique ID for spreadsheet flow and checking purposes	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/21/19	2.6 Began to perform an Analysis on Transmission's Gap Assessment tracker. Purpose was to flag issues with Underground (UG) Gaps, Overhead (OH) Gaps, Owner, and due date gaps as well as mapping issues to governance documents.	2.6	\$ 325.00	\$ 845.00
Lucy Cai	10/21/19	2.9: Continued, as of 10/21, analyzing various data sources in Alteryx and excel (including wind data, distribution data, etc.), concurrently created slides to indicate key trends that can be used as a main indicator for distribution risk model	2.9	\$ 325.00	\$ 942.50
Marcus Xu	10/21/19	(3.0) Created circuit level model ready data from conductor and pole asset level data (analysis includes evaluating missing values, data distribution, data range)	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/21/19	(3.0) Created circuit level model ready data from DPD, Capacitor Bank, Transformer	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/21/19	3.0: Began to analyze various data sources in Alteryx and excel (including wind data, distribution data, etc.), concurrently creating slides to indicate key trends that can be used as a main indicator for distribution risk model	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/21/19	(3.4) Utilize distribution overhead outage dataset in order to complete inputs for the bowtie risk model.	3.4	\$ 325.00	\$ 1,105.00
farbod Farzan	10/21/19	(3.6) Utilize substation outage dataset in order to complete inputs for the bowtie risk model	3.6	\$ 325.00	\$ 1,170.00
Tanveer Abbas	10/21/19	(3.9) Continue, as of 10/21, Seldon install / test Python model; specifically implementing the config scripts provided by PG&E	3.9	\$ 325.00	\$ 1,267.50
Fran Shammo	10/21/19	0.5 Call Birch (PG&E), S. Mender (PG&E) R. Movafagh (PG&E), M. Bowser (KPMG), T. DeGrande (KPMG) to discuss current status as of 10/21	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/21/19	1.3 Working session with T. DeGrande (KPMG) to perform an Analysis on Transmission's Gap Assessment tracker (purpose was to flag issues with Underground (UG) Gaps, Overhead (OH) Gaps, Owner, and due date gaps as well as mapping issues to governance documents)	1.3	\$ 275.00	\$ 357.50

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Name	Date	Description	Hours	Rate	Amount
Fran Shammo	10/21/19	1.3 Working session with T. DeGrande (KPMG). Directed to perform an Analysis on Substation's Gap Assessment tracker. Purpose was to flag issues Gaps which included logging, Owner, and due date gaps as well as mapping issues to governance documents.;	1.3	\$ 275.00	\$ 357.50
Fran Shammo	10/21/19	1.8 Collaborate with T. DeGrande (KPMG) to consolidate findings f into a formalized precise bulletin which would be used to present findings to PG&E PMO leaders.	1.8	\$ 275.00	\$ 495.00
Brian Wei	10/21/19	(3.0) Continued from earlier on 10/21 to create slides describing asset data and their limitations for potential workshop on Wednesday for the DE impact model.	3.0	\$ 275.00	\$ 825.00
Brian Wei	10/21/19	(3.7) Created presentation (slides) describing asset data and their limitations for potential workshop on Wednesday for the DE impact model	3.7	\$ 275.00	\$ 1,017.50
Brian Wei	10/21/19	(3.9) Created Alteryx model to develop mapping process of pole variables to outage data for DE impact model data discussion	3.9	\$ 275.00	\$ 1,072.50
Adrian Irwin	10/22/19	(0.4) Meeting to align on requirements for an MVP Python model that can be utilized by the hosting work stream to test hosting environment and configurations. Attendees: J. Guth, T. Abbas, E. Janes, D. Esler (KPMG)	0.4	\$ 325.00	\$ 130.00
Adrian Irwin	10/22/19	(0.6) Call to discuss progress, plans for upcoming activity, any roadblocks to progress as of 10/22, with J. Guth, T. Abbas (KPMG)	0.6	\$ 325.00	\$ 195.00
Arun Mani	10/22/19	Principal review of Transmission Overhead Input Sheet	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/22/19	Discussion with B. Wong and D. Pant (PG&E) to discuss next steps	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/22/19	(0.6) Participated in meeting with D. Ross, M. Suga, M. Xu, B. Wei to discuss updated data presentation for DE impact model:	0.6	\$ 475.00	\$ 285.00
Jonathan White	10/22/19	(2.0) Participated in meeting with D. Ross, M. Suga, M. Xu, B. Wei (KPMG) to discuss data presentation for the client for DE impact model	2.0	\$ 475.00	\$ 950.00
Matt Broida	10/22/19	(1.0) Director review of bowtie progress as of 10/22 and go-forward plan	1.0	\$ 435.00	\$ 435.00
Jon Guth	10/22/19	(.2) Follow-up with T. Abbas on requesting access to PG&E citrix, network, resources.	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/22/19	(.2) Communicate via email with D. Ross (KPMG) regarding gaining approvals for PG&E network access for T. Abbas	0.2	\$ 400.00	\$ 80.00
Jon Guth	10/22/19	(.3) Prepared for client meeting on MVP Python model requirements.;	0.3	\$ 400.00	\$ 120.00
Eric Janes	10/22/19	(.4) Meeting to align on requirements for an MVP Python model that can be utilized by the hosting work stream to test hosting environment and configurations. Attendees: J. Guth, A. Irwin, T. Abbas, D. Esler (KPMG)	0.4	\$ 400.00	\$ 160.00

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Jon Guth	10/22/19	(.4) Review the repository of files provided by PG&E for setting up a configuration of their Waldo hosting environment on local machines.;	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/22/19	(.4) Meeting to align on requirements for an MVP Python model that can be utilized by the hosting work stream to test hosting environment and configurations. Attendees: J. Guth, A. Irwin, E. Janes, D. Esler, T. Abbas (KPMG)	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/22/19	(.5) Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG). ;	0.5	\$ 400.00	\$ 200.00
Miki Suga	10/22/19	(0.6) Participated in meeting with J. White, D. Ross, M. Xu, B. Wei to discuss updated data presentation for DE impact model	0.6	\$ 400.00	\$ 240.00
David Ross	10/22/19	.6 Participated in meeting with J. White, M. Suga, M. Xu, B. Wei (KPMG) to discuss updated data presentation for DE impact model;	0.6	\$ 400.00	\$ 240.00
Sitki Gulden	10/22/19	Reviewing the Data Model Documentation along with Methodologies	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/22/19	Review ECOP transition plan document feedback received from J.C Mathieson (PG&E) via teleconference to incorporate revisions into deck (review comments require follow ups with B. Koelling (PG&E))	1.1	\$ 400.00	\$ 440.00
Jon Guth	10/22/19	(1.2) Review entire work plan for hosting workstream, make status updates and updates as of 10/22 to all activities with input from team members;	1.2	\$ 400.00	\$ 480.00
Miki Suga	10/22/19	(2.0) Participated in meeting with J. White, D. Ross, M. Xu, B. Wei (KPMG) to discuss data presentation for the client for DE impact model	2.0	\$ 400.00	\$ 800.00
David Ross	10/22/19	(2.0) Participated in meeting with J. White, M. Suga, M. Xu, B. Wei (KPMG) to discuss data presentation for the client for DE impact model	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/22/19	Met with J. Birch (PG&E) regarding development of narrative document for update to L. Jordan by 10/31.	2.1	\$ 400.00	\$ 840.00
Miki Suga	10/22/19	(2.1) Continued, as of 10/22, univariate analysis for all other asset types, including correlation matrix, scatter plot of x vs y, scatter plot after transformation (log, sq, sort) concurrently summarizing in slides to share Wednesday with PG&E.	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/22/19	Attend morning session (10/22) of 2020 inspection planning workshop as requested by R. Movafagh (PG&E)	3.1	\$ 400.00	\$ 1,240.00
Matthew Bowser	10/22/19	Attend afternoon session of 2020 work planning workshop led by R. Movafagh- discussion focused on revision to PG&E priority model of tags from ABEF to Levels 1,2,3.	3.3	\$ 400.00	\$ 1,320.00

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Miki Suga	10/22/19	(3.3) Continue, from earlier on 10/22, preparing univariate analysis for all other asset types; this includes correlation matrix, scatter plot of x vs y, scatter plot after transformation (log, sq, sort) concurrently summarizing in slides to share Wednesday with PG&E.	3.3	\$ 400.00	\$ 1,320.00
David Ross	10/22/19	3.3 Continued, as of 10/22, analysis of Weather station data, SOPP model data and OPW data provided by PG&E to develop presentation to PG&E EORM and Strategic Data Science Teams on data trends	3.3	\$ 400.00	\$ 1,320.00
David Ross	10/22/19	3.6 Continued to analyze EC Tag Data, vegetation outage data and conductor health score data provided by PG&E to develop presentation to PG&E EORM and Strategic Data Science Teams on data trends.	3.6	\$ 400.00	\$ 1,440.00
Drew Esler	10/22/19	(.4) Meeting to align on requirements for an MVP Python model that can be utilized by the hosting work stream to test hosting environment and configurations. Attendees: J. Guth, A. Irwin, T. Abbas, E. Janes (KPMG)	0.4	\$ 325.00	\$ 130.00
Tanveer Abbas	10/22/19	(.4) Meeting to align on requirements for an MVP Python model that can be utilized by the hosting work stream to test hosting environment and configurations. Attendees: J. Guth, A. Irwin, E. Janes, D. Esler (KPMG)	0.4	\$ 325.00	\$ 130.00
Will Brennan	10/22/19	(0.5) Updated DER input sheet to be based on voltage after discussion with B. Wong (PG&E);	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/22/19	(.6) Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with J. Guth, A.Irwin (KPMG)	0.6	\$ 325.00	\$ 195.00
Will Brennan	10/22/19	(1.0) Meeting with D. Pant (PG&E) to discuss risk bowtie updates and developments;	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/22/19	(1.5) Meeting with B. Wong (PG&E) to discuss the revised DER input sheet;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/22/19	(1.5) Checked outages that were tagged as SHED data for J. Villa (PG&E) on behalf of D. Pant (PG&E);	1.5	\$ 325.00	\$ 487.50
farbod Farzan	10/22/19	(2.0) Analysis of CalFire DE datasets in order to identify DE events that resulted in fatalities, mapping them to HFTD zones and investigating the correlation between certain events and statistics	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/22/19	(2.0) Cross-checked GNTs with outages in the distribution and overhead outage file;	2.0	\$ 325.00	\$ 650.00
Taylor DeGrande	10/22/19	2.0 Update 2020 Inspections weekly summary with each LOBs (T/S/D) progress to date for current weeks workshops huddle meetings.	2.0	\$ 325.00	\$ 650.00
Marcus Xu	10/22/19	(2.0) Prepared univariate charts and relationship charts for the data description deck	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/22/19	(2.5) Catalogued data correction measures through written explanations in metadata tab as requested by D. Pant (PG&E)	2.5	\$ 325.00	\$ 812.50

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Tanveer Abbas	10/22/19	Continue Seldon install, concurrently test Python model on laptop (install Kubernetes with its pre-requisites)	2.0	\$ 325.00	\$ 650.00
Tanveer Abbas	10/22/19	Continue, from earlier on 10/22, Seldon install and test Python model; continuing to implement the config scripts provided by PG&E	3.8	\$ 325.00	\$ 1,235.00
Tanveer Abbas	10/22/19	Continue, as of 10/22, Seldon install and test Python model; continuing to implement the config scripts provided by PG&E	2.5	\$ 325.00	\$ 812.50
farbod Farzan	10/22/19	(3.0) Continuation, as of 10/22, utilizing distribution overhead outage dataset in order to complete inputs for the bowtie risk model.	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/22/19	(3.0) Continuation, as of 10/22, utilizing the substation outage dataset in order to map substation names and headquarters to the business criticality model that provided by R. Benefiel (PG&E).	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/22/19	(3.0) Evaluated distribution of the potential independent variables of each asset class datasets	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/22/19	(3.0) Performed data analysis to explore relationship between asset characteristics and number of outages.	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/22/19	3.1: Continued, as of 10/22, analyzing various data sources in Alteryx and excel (including wind data, distribution data, etc.), concurrently created slides to indicate key trends that can be used as a main indicator for distribution risk model	3.1	\$ 325.00	\$ 1,007.50
Brian Wei	10/22/19	(0.5) Participated in meeting with J. White, D. Ross, M. Suga, M. Xu to discuss updated data presentation for DE impact model in advance of client meeting	0.5	\$ 275.00	\$ 137.50
Trent Anderson	10/22/19	1.0 Updated Alteryx Pole Integrity Model to address issues with data types not working in the computation of prioritization results	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/22/19	(1.6) Continued from earlier on 10/22 to map number of circuit level outages to each of the eight asset files.	1.6	\$ 275.00	\$ 440.00
Brian Wei	10/22/19	(1.6) Updated distribution model presentation deck to incorporate data with regards to poles and transformers, including scatter plots, correlation plots, histograms of independent variables	1.6	\$ 275.00	\$ 440.00
Fran Shammo	10/22/19	2.0 Reviewing/finalizing formalized precise bulletin sent to PMO leadership to incorporate J. Birch (PG&E) & R. Movafagh (PG&E) comments into document and analysis per direction of PG&E.	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/22/19	(2.0) Participated in meeting with J. White, D. Ross, M. Suga, M. Xu (KPMG) to discuss data presentation for the client for DE impact model	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/22/19	(2.4) Updated mapped circuit level outages to include various groupings of variables for presentation	2.4	\$ 275.00	\$ 660.00
Brian Wei	10/22/19	(3.9) Map number of circuit level outages to each of the eight asset files;	3.9	\$ 275.00	\$ 1,072.50

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Name	Date	Description	Hours	Rate	Amount
Adrian Irwin	10/23/19	(0.5) Hosting Workstream Call (10/23) to discuss progress, plans for upcoming activity, any roadblocks to progress, with J. Guth, A.Irwin (KPMG).	0.5	\$ 325.00	\$ 162.50
Adrian Irwin	10/23/19	(3.6) Incorporating Waldo input integrations into the technical architecture plan.	3.6	\$ 325.00	\$ 1,170.00
Adrian Irwin	10/23/19	(3.9) In order to identify opportunities for performance enhancements, re-checking ArcGIS API calls / Dx Model Interface	3.9	\$ 325.00	\$ 1,267.50
Juan Gonzalez III	10/23/19	Meeting with A. Mani, J. White. Discussion regarding decisions by J. Eric and S. Cairns (PG&E) regarding scope modification.	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/23/19	Call with S. Cairns (PG&E) regarding resourcing and scoping	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/23/19	Call with B. Wong (PG&E) regarding resourcing and scoping	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/23/19	Meeting with J. Gonzalez, J. White. Discussion regarding decisions by J. Eric and S. Cairns (PG&E) regarding scope modification.	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/23/19	Meeting with J. Gonzales (KPMG) to discuss AMS project management matters	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/23/19	Call with D. Elmlblad, W. Brennan and F. Farzan regarding Outcome Based Risk Analysis	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/23/19	(1.0) Data insights review with D. Ross, B. Wei, M. Suga, S. Dulton, M. Xu (KPMG)	1.0	\$ 475.00	\$ 475.00
Jonathan White	10/23/19	(1.0) Meeting with JE. Thalman (PG&E) to align on model methodology as of 10/23	1.0	\$ 475.00	\$ 475.00
Matt Broida	10/23/19	(3.0) Finalized AMS reporting material for PG&E	3.0	\$ 435.00	\$ 1,305.00
Jon Guth	10/23/19	(.5) Hosting Workstream Call to discuss progress, plans for upcoming activity, any roadblocks to progress, with J. Guth, A.Irwin (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/23/19	(.5) Review status of open activities and updating team work plan accordingly.	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/23/19	(.5) Work with T. Abbas (KPMG) on current status of installing the Waldo and Docker image on his local machine based on scripts sent over from the client, P. Baker (PG&E).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/23/19	(.7) Follow-up with A. Irwin (KPMG) on status of requirements and technical Architecture open questions	0.7	\$ 400.00	\$ 280.00
David Ross	10/23/19	1.0 Meeting with J. Gonzalez, B. Wei, M. Xu, M Suga (KPMG) to analyze underlying trends in asset and outage data for distribution risk model	1.0	\$ 400.00	\$ 400.00
Sitki Gulten	10/23/19	Review of Asset Data with M. Xu, concurrently evaluating of the current probability calculation methodologies	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/23/19	Finalize / issue PMO agenda and status update to J. Birch (PG&E) for use in remainder of weekly huddle calls.	1.9	\$ 400.00	\$ 760.00
Matthew Bowser	10/23/19	Perform manager review of inspection questionnaire IT format progress for Transmission steel structure 500kV form developed by T. DeGrande (KPMG)	2.1	\$ 400.00	\$ 840.00

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Name	Date	Description	Hours	Rate	Amount
David Ross	10/23/19	2.5 Manager Review of presentation for PG&E EORM and Strategic Data Science teams on data trends for assets, outages, asset condition modifiers, vegetation and weather	2.5	\$ 400.00	\$ 1,000.00
Matthew Bowser	10/23/19	Continued, as of 10/23, development of narrative document for 2020 inspections planning process at the request of J. Birch and R. Movafagh (PG&E).	3.9	\$ 400.00	\$ 1,560.00
Miki Suga	10/23/19	(3.9) continue, as of 10/23, to revise the slides of univariate analysis, adding histogram of outage count by year, for each asset types, adding percentage of zeros for each year.	3.9	\$ 400.00	\$ 1,560.00
Gaurav Thapan-Raina	10/23/19	(0.6) Met with K. Loomis (PG&E), D. Kida (PG&E), J. White, L. Cai (KPMG) to determine progress update on the EVM Tree Assessment Tool (EVM-TAT), discuss recent field testing results in the North Coast region by the PG&E Vegetation Management team using the revised EVM-TAT and the digitalization process for the TAT. (3.9) Performed final revisions to the Whitepaper prior to sharing with PG&E Vegetation Management leadership (changes included: completing analysis of the field testing results based on inspection data from 58 trees received, addressing comments/questions provided by the PG&E Vegetation Management team as well as reviewing the full document to ensure accuracy and completeness of all information).	4.5	\$ 400.00	\$ 1,800.00
farbod Farzan	10/23/19	(0.5) Call with A. Mani, W. Brennan (KPMG) to discuss bowtie project updates and concerns.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/23/19	(0.5) Call with A. Mani (KPMG) and D. Elmlblad (KPMG) to discuss data issues and possible corrections;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/23/19	(0.5) Call with A. Mani (KPMG) and F. Farzan (KPMG) to discuss bowtie project updates as of 10/23 and concerns;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/23/19	(0.5)Attended the 10/23 morning 2020 Inspections Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/23/19	(0.5)Attended the 10/23 afternoon 2020 Inspections Huddle call led by R. Mauvavgh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Tanveer Abbas	10/23/19	(.5) Hosting Workstream call for each team member to discuss progress, plans for upcoming activity, any roadblocks to progress, with T. Abbas, A.Irwin (KPMG)	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/23/19	(0.6) Correspondence with PG&E distribution overhead outage group regarding outages where there are no customer minutes logged in PG&E systems	0.6	\$ 325.00	\$ 195.00
farbod Farzan	10/23/19	(1.0) Meeting with B. Wong, S. Vaunkuri (PG&E) to discuss transmission and distribution underground bowties.	1.0	\$ 325.00	\$ 325.00

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Taylor DeGrande	10/23/19	(1.0) Attended recap call with J. Birch (PG&E) and T. Gradie (PG&E) to review day's technology workshops and follow-up actions items related to technology progress maps and business requirements.	1.0	\$ 325.00	\$ 325.00
Tanveer Abbas	10/23/19	(1.0) Continue Seldon install, concurrently test Python model on laptop - Waldo model	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/23/19	(1.0) Reviewed Asset data with M. Xu, S. Gulten and evaluated the current probability calculation methodologies	1.0	\$ 325.00	\$ 325.00
Marcus Xu	10/23/19	(1.2) Continue, as of 10/23, to evaluate correlations between number of outages and asset characteristics across eight asset class data	1.2	\$ 325.00	\$ 390.00
farbod Farzan	10/23/19	(1.5) Meeting with S. Adderly (PG&E) to discuss tranching methodology for substation outage datasets.	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/23/19	(1.5) Cross checked GNTs in the DE and distribution overhead files for omissions and categorized those into metadata tab for future reference and explanations;	1.5	\$ 325.00	\$ 487.50
farbod Farzan	10/23/19	(2.0) Continuation, as of 10/23, working with substation outage dataset in order to incorporate tranching methodology discussed with S. Adderly (PG&E) in to outage dataset.	2.0	\$ 325.00	\$ 650.00
Lucy Cai	10/23/19	2.1: Updated weekly budget as of 10/23, concurrently addressing variances between budgeted and actual hours and expenses for communication to PG&E	2.1	\$ 325.00	\$ 682.50
Marcus Xu	10/23/19	(2.8) Evaluated correlations between number of outages and asset characteristics across eight asset class data	2.8	\$ 325.00	\$ 910.00
farbod Farzan	10/23/19	(3.0) analysis of GNT tracker dataset in order to identify GNT events associated with substation outages	3.0	\$ 325.00	\$ 975.00
Marcus Xu	10/23/19	(3.0) Continue, as of 10/23, updating charts in the Dx Model Data Description deck for PG&E presentation.	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/23/19	(3.0) Continue, as of 10/23, Seldon install, concurrently test Python model on laptop (test the script, resolve issues that arise during the process)	3.0	\$ 325.00	\$ 975.00
Will Brennan	10/23/19	(3.4) Analyzed PG&E's GRC model along with supporting files for possible use / implementation into DE bowtie;	3.4	\$ 325.00	\$ 1,105.00
Trent Anderson	10/23/19	1.0 Updated Alteryx Pole Integrity Model to update workflow to omit pole stubbing dates because this dataset is not a good indicator of Pole Test and Treat FE	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/23/19	(1.1) Updated data within distribution model presentation deck, concurrently revising based on review.	1.1	\$ 275.00	\$ 302.50
Fran Shammo	10/23/19	1.6 Reviewed Transmissions GAP assessment tracker to perform analysis on current status of progress, determine next steps	1.6	\$ 275.00	\$ 440.00

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Dennis Cha	10/23/19	2.3 Reviewed / updated pole integrity assessment (PIA) Alteryx workflow based on the model workflow review with T. Anderson (KPMG - PIA PMO support).	2.3	\$ 275.00	\$ 632.50
Brian Wei	10/23/19	(3.0) Reviewed distribution model presentation deck.	3.0	\$ 275.00	\$ 825.00
Fran Shammo	10/23/19	3.4 Per the request of S. Foster (PG&E) began identifying governance documents and source locations listed in the gap assessment log, removing duplicates, and compiling these files into a comprehensive list for S. Foster	3.4	\$ 275.00	\$ 935.00
Brian Wei	10/23/19	(3.9) Continue, as of 10/23, to update distribution model presentation deck to incorporate data with regards to poles and transformers, including scatter plots, correlation plots, histograms of independent variables	3.9	\$ 275.00	\$ 1,072.50
Adrian Irwin	10/24/19	(3.0) Continuing, as of 10/24, to re-check ArcGIS API calls / Dx Model Interface opportunities for performance enhancements.	3.0	\$ 325.00	\$ 975.00
Tanveer Abbas	10/24/19	Continue Seldon install, concurrently test Python model on laptop (install Docker with its pre-requisites)	3.0	\$ 325.00	\$ 975.00
Juan Gonzalez III	10/24/19	Meeting with A. Mani, D. Ross, J. White (KPMG). Discussion agenda: 1) Resources 2) Scope alignment 3) Billings and invoicing (both phases) 4) Other matters	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/24/19	Meeting with J. Gonzalez, D. Ross, J. White (KPMG). Discussion agenda: 1) Resources 2) Scope alignment 3) Billings and invoicing (both phases) 4) Other matters	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/24/19	Further call with B. Wong (PG&E) regarding resourcing and scoping for the AMS projects.	0.5	\$ 500.00	\$ 250.00
Arun Mani	10/24/19	Responding to S. Cairn's (PG&E) email on outcome based risk approaches	1.0	\$ 500.00	\$ 500.00
Arun Mani	10/24/19	Call with D. Pant (PG&E) regarding bow tie analysis status	1.0	\$ 500.00	\$ 500.00
Jonathan White	10/24/19	(1.0) Meeting with J. Thalman (PG&E) to discuss the operating structure for the model data connections outside of the modeling methodology update	1.0	\$ 475.00	\$ 475.00
Jon Guth	10/24/19	(.4) Draft feedback / questions to A. Irwin on the Level 1 technical architecture.	0.4	\$ 400.00	\$ 160.00
Jon Guth	10/24/19	(.5) PG&E Discussion regarding next steps with the engagement. J. White, D. Ross (KPMG).	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/24/19	(0.5) Meeting with D. Ross, J. White (KPMG) to discuss current status and align on path forward based on model ownership	0.5	\$ 400.00	\$ 200.00
Eric Janes	10/24/19	(0.5) Meeting with D. Ross, J. White, J. Guth to discuss current status and align on path forward based on model ownership	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/24/19	(.7) Review documentation on the KPMG Wiki site to determine best method for taking a snapshot and posting to the shared T: Drive.	0.7	\$ 400.00	\$ 280.00

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Matthew Bowser	10/24/19	Storyboard Phase 2 PMO structure and status update template in preparation for week of 11/3.	1.5	\$ 400.00	\$ 600.00
Jon Guth	10/24/19	(1.8) Manager review of updates as of 10/24 to the Level 1 technical architecture and annotations / comments provided by A. Irwin.	1.8	\$ 400.00	\$ 720.00
Matthew Bowser	10/24/19	Perform manager review of AMS Task 2 workpaper progress to date, concurrently noting comments to T. Anderson (KPMG).	1.9	\$ 400.00	\$ 760.00
Sitki Gulten	10/24/19	Review of ILIS Outage data with M. Xu, discussing possible analyses/methods to incorporate into the model development	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/24/19	Review conversion of narrative document to TD-0123 standard by S. Foster (PG&E), concurrently providing comments to PG&E technical writing team.	2.1	\$ 400.00	\$ 840.00
Will Brennan	10/24/19	(0.3) Call with Cal Fire to get data for historical for certain events and statistics to incorporate into DE bowtie;	0.3	\$ 325.00	\$ 97.50
Will Brennan	10/24/19	(0.3) Call with T. McCartney (PG&E) and D. Pant (PG&E) about fire index areas and possibly incorporating days into the DE analysis;	0.3	\$ 325.00	\$ 97.50
Will Brennan	10/24/19	(0.5) Discussion with D. Pant (PG&E) about possible inclusion of fire index areas into DER bowtie and correspondence with KPMG people about availability of data with regards to fire index areas	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/24/19	(0.5)Attended the 10/24 morning 2020 Inspections Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/24/19	(0.5)Attended the 10/25 afternoon 2020 Inspections Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/24/19	(0.5)Technology coordination call with J. Birch (PG&E) to discuss transmission INSPECT questionnaire templates.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/24/19	(1.0) Meeting with D. Pant (PG&E), S. Vanukuri (PG&E) and W. Brennan (KPMG) to discuss project status as of 10/24 and outstanding items.	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/24/19	(1.0) Conference call with J. Villa (PG&E) to describe reliability consequences of third-party related outages in transmission overhead outages.	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/24/19	(1.7) Meeting with B. Wong (PG&E), Y. Oum (PG&E), D. Pant (PG&E), S. Vanukuri (PG&E), W. Brennan (KPMG) to present distribution overhead and DE bowtie risk input sheet.	1.7	\$ 325.00	\$ 552.50
Will Brennan	10/24/19	(1.7) Meeting with B. Wong (PG&E), D. Pant (PG&E), and F. Farzan (KPMG) to discuss distribution overhead risk input sheet and DER input sheet;	1.7	\$ 325.00	\$ 552.50
Taylor DeGrande	10/24/19	(2.0) Converted designated questionnaire items from gap assessment template to IT INSPECT template per request of J. Birch (PG&E)	2.0	\$ 325.00	\$ 650.00

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Name	Date	Description	Hours	Rate	Amount
Marcus Xu	10/24/19	(2.0) Reviewed ILIS Outage data with S. Gulten, brainstorming methods to incorporate the model development	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/24/19	(2.5) Cross checked GNTs / distribution overhead numbers to confirm they matched before sharing distribution overhead risk input sheet with B. Wong (PG&E);	2.5	\$ 325.00	\$ 812.50
Will Brennan	10/24/19	(2.5) Reviewed Distribution Underground Network FE data, categorizing events into initial EBRR framework. Shared with F. Farzan (KPMG) for further review;	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/24/19	(3.0)Working session with F. Shammo (KPMG) to continue converting questionnaire items from gap assessment template to IT INSPECT template per request of J. Birch (PG&E)	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/24/19	(3.2) Continuation, as of 10/24, working on distribution overhead outage dataset in order to complete inputs for the bowtie risk model.	3.2	\$ 325.00	\$ 1,040.00
Fran Shammo	10/24/19	1.0 Began preliminary task of mapping out technology app from gap assessment questionnaires for J. Birch (PG&E) review.	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/24/19	(2.0) Performed research to obtain fire index area shape files for use in modelling	2.0	\$ 275.00	\$ 550.00
Brian Wei	10/24/19	(2.5) Conducted analysis to determine breakout of asset outages to asset population for distribution presentation deck.	2.5	\$ 275.00	\$ 687.50
Brian Wei	10/24/19	(3.4) Updated distribution presentation deck to account for revisions and new charts and analyses.	3.4	\$ 275.00	\$ 935.00
Adrian Irwin	10/25/19	(1.5) Removing draft/out-of-date elements from technical architecture	1.5	\$ 325.00	\$ 487.50
Juan Gonzalez III	10/25/19	Perform principle review of cross-workstream Quality Control review documentation in the role of quality assurance partner.	0.5	\$ 500.00	\$ 250.00
Jonathan White	10/25/19	(1.0) meeting with B. Wong (PG&E), JP Dolphin (PG&E), Y. Oum (PG&E), A. Mani (KPMG) on planning the modeling methodology update.	1.0	\$ 475.00	\$ 475.00
Scott Stoddard	10/25/19	.8 - Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, and risks.	0.8	\$ 435.00	\$ 348.00
Scott Stoddard	10/25/19	1.3 - Director review, as of 10/25, of Task 2 progress in advance of status meeting with PG&E.	1.2	\$ 435.00	\$ 522.00
Jon Guth	10/25/19	(.3) Reviewing documentation on the shared T:Drive in preparation for pausing the workstream until further notice.	0.3	\$ 400.00	\$ 120.00
Jon Guth	10/25/19	(.4) Review and comment on additional updates made to the level 1 technical architecture to include details on the AWS Step functions and revising some of the layout.	0.4	\$ 400.00	\$ 160.00

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Name	Date	Description	Hours	Rate	Amount
Gaurav Thapan-Raina	10/25/19	Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, and risks as of 10/25.	0.5	\$ 400.00	\$ 200.00
David Ross	10/25/19	.5 Attend program status meeting with A. Mani, G. Armstrong, J. White, J. Gonzalez, R. Tucker, T. Ayyagari, M. Broida, S. Stoddard, D. Ross, G. Thapan-Raina, A. Irwin, D. Elmlad (KPMG) leads to review and address program status, schedules, issues, risks	0.5	\$ 400.00	\$ 200.00
David Ross	10/25/19	.6 Analyze/ adjust budget forecast based upon PG&E's requested change to the scope of work	0.6	\$ 400.00	\$ 240.00
Jon Guth	10/25/19	(.7) Packaging up the contents of the KPMG Wiki site containing the technical documentation to date and posting on the shared T: Drive.	0.7	\$ 400.00	\$ 280.00
David Ross	10/25/19	.9 Discussion with J. White regarding PG&E's request to change scope of services	0.9	\$ 400.00	\$ 360.00
Matthew Bowser	10/25/19	at the request of J. Birch (PG&E), provide comments on ECI change communication email	1.0	\$ 400.00	\$ 400.00
Jon Guth	10/25/19	(1.1) Review the log and documentation generated by T. Abbas for the installation of the Waldo environment provided by P. Baker (PG&E).	1.1	\$ 400.00	\$ 440.00
David Ross	10/25/19	1.1 At the request of PG&E, draft change order for scope of work to include PG&E's enterprise operations risk management and strategic data science teams as new stakeholders	1.1	\$ 400.00	\$ 440.00
Matthew Bowser	10/25/19	Perform manager review of updated IT questionnaire form conversion developed by T. DeGrande (KPMG) for Transmission steel structures and equipment.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/25/19	Continued, as of 10/25, development of narrative document (in parallel with new TD0123 standard) based on feedback from R. Movafagh (PG&E).	3.0	\$ 400.00	\$ 1,200.00
Will Brennan	10/25/19	(0.2) Call with D. Pant (PG&E) about documentation processes on the PG&E SharePoint;	0.2	\$ 325.00	\$ 65.00
Will Brennan	10/25/19	(0.4) Call with National Weather Service about availability of Red Flag Warning data on National Weather Service	0.4	\$ 325.00	\$ 130.00
farbod Farzan	10/25/19	(0.5) Meeting with D. Pant (PG&E), S. Vanukuri (PG&E), D. Thayer (PG&E) to present tranching methodology for distribution overhead.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/25/19	(0.5) Afternoon check-in call with D. Pant (PG&E), and W. Brennan (KPMG) to discuss project status as of 10/15 and developments.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/25/19	(1.0) Call with M. Ly (PG&E) and D. Pant (PG&E) to discuss distribution underground bowtie and the methodology for tranching/prioritizing underground networks.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/25/19	(1.0) Reviewed data for Red Flag Warnings from link as shared by B. Wong (PG&E);	1.0	\$ 325.00	\$ 325.00

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	10/25/19	(1.0) Reviewed DE data from CalFire to check for use in DER bowtie;	1.0	\$ 325.00	\$ 325.00
Tanveer Abbas	10/25/19	(1.0) Prepare documentation of Seldon install to share with PG&E	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/25/19	(1.3) Updated data tracker for files in the PG&E SharePoint, concurrently uploading documents to the PG&E SharePoint, reorganized files as instructed by D. Pant (PG&E);	1.3	\$ 325.00	\$ 422.50
Will Brennan	10/25/19	(1.5) Afternoon check-in call (10/25) with D. Pant (PG&E), F. Farzan (KPMG) to discuss project status and developments;	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/25/19	(2.0) Cleaned / prepped DER input workbook to be uploaded to SharePoint as requested by B. Wong (PG&E);	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/25/19	(3.4) Continuation, as of 10/25, analysis of distribution underground network FE data to assess drivers /sub-drivers of FE incidents.	3.4	\$ 325.00	\$ 1,105.00
farbod Farzan	10/25/19	(3.6) Analysis of distribution underground network FE data to assess drivers / sub-drivers of FE incidents.	3.6	\$ 325.00	\$ 1,170.00
Dennis Cha	10/25/19	1.0 Continued, as of 10/25, updating EC Optimization Program final summary deck slide 2 (Table of Contents) based on comments from R. Tucker (KPMG - engagement partner).	1.0	\$ 275.00	\$ 275.00
Brian Wei	10/25/19	(2.5) Updated distribution presentation deck, concurrently uploaded it to T-drive.	2.5	\$ 275.00	\$ 687.50
Matthew Bowser	10/27/19	Continue, as of 10/27, development of 2020 inspections planning narrative based on feedback from R. Movafagh (PG&E) Friday.	2.0	\$ 400.00	\$ 800.00
Adrian Irwin	10/28/19	(3.7) Perform walkthrough of proof of concept evaluations for the AWS products specified in the technical architecture; specifically RedShift	3.7	\$ 325.00	\$ 1,202.50
Reid Tucker	10/28/19	(0.5) Partner review, as of 10/28, of Task 2 status / deliverables	0.5	\$ 500.00	\$ 250.00
Jeff Mahoney	10/28/19	(0.5) Meeting with J. Mahoney, A. Esler, K. Diaz, M. Suga, I. Ali, J. White, D. Ross (KPMG) to prepare for interviews conducted at the request of PG&E	0.5	\$ 435.00	\$ 217.50
Scott Stoddard	10/28/19	Perform director review of draft Inspection and Preventative Maintenance Program standard, concurrently noting comments.	2.0	\$ 435.00	\$ 870.00
Matthew Bowser	10/28/19	(0.5) Attended the morning 2020 Inspections Daily Huddle call led by R. Maufavgh (PG&E), with PG&E line of work leads for T/D/S and T.DeGrande (KPMG) and (KPMG).	0.6	\$ 400.00	\$ 240.00
David Ross	10/28/19	.6 Call with J. White, J. Mahoney (KPMG) to prepare potential candidates for technical interviews with PG&E for python coding	0.6	\$ 400.00	\$ 240.00
Matthew Bowser	10/28/19	Perform manager review IT form conversion developed by T. DeGrande and F. Shammo (KPMG)	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/28/19	Attend 10/28 afternoon session of 2020 inspections planning working session hosted by R. Movafagh (PG&E).	2.1	\$ 400.00	\$ 840.00

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Matthew Bowser	10/28/19	(2.5) Met with T.DeGrande (KPMG) to continue to develop the draft of Inspection and Preventative Maintenance standard as requested by R. Movafagh (PG&E).	2.5	\$ 400.00	\$ 1,000.00
Matthew Bowser	10/28/19	Facilitate working session to review TD 0123 standard with 2020 inspections planning team at the direction of R. Movafagh (PG&E).	3.9	\$ 400.00	\$ 1,560.00
Will Brennan	10/28/19	(0.2) Uploaded documents as of 10/28 to PG&E SharePoint for F. Farzan (KPMG) and D. Pant (PG&E);	0.2	\$ 325.00	\$ 65.00
Will Brennan	10/28/19	(0.2) Correspondence with S. Vanukuri (PG&E) about Python code and for the need to rerun workflow to download additional shape files from a government website;	0.2	\$ 325.00	\$ 65.00
Taylor DeGrande	10/28/19	(.2) Updated SharePoint site folder structure as requested by T.Gradi (PG&E) to align with workstream activities for Distributions technology and inspection form development.	0.2	\$ 325.00	\$ 65.00
Taylor DeGrande	10/28/19	(.3) Communication with F. Shammo to provide the updated template used to track T/D/S identified gaps on governance documents and updated questionnaire.	0.3	\$ 325.00	\$ 97.50
farbod Farzan	10/28/19	(0.5) Call with B. Wong (PG&E), F. Farzan (KPMG), and W. Brennan (KPMG) to discuss updates and obstacles on risk bowties.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/28/19	(0.5) Call with B. Wong (PG&E), Y. Oum (PG&E) and W. Brennan (KPMG) to discuss safety measurement in the DE bowtie; (0.5) Call with B. Wong (PG&E), F. Farzan (KPMG) to discuss updates and obstacles on risk bowties	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/28/19	(0.5) Attended the 10/28 morning 2020 Inspections Huddle call led by R. Maufavgh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/28/19	(0.5) Attended the afternoon 2020 Inspections Huddle call led by R. Maufavgh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/28/19	(.5) Recapped meeting action items and next steps from discussion with Y. Manickam (PG&E) and Digital Catalyst team to complete updated INSPECT questionnaire forms.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/28/19	(0.7) Afternoon check-in with D. Pant (PG&E), W. Brennan (KPMG) to discuss updates, as of 10/28 and developments across bowties	0.7	\$ 325.00	\$ 227.50
Will Brennan	10/28/19	(0.7) Afternoon check-in (10/28) with D. Pant (PG&E), F. Farzan (KPMG) to discuss updates and developments across bowties;	0.7	\$ 325.00	\$ 227.50
farbod Farzan	10/28/19	(1.0) Meeting with Maria Ly (PG&E) to present the tranching methodology for distribution underground network.	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/28/19	(1.0) Perform research on PG&E's distribution underground network for possible tranching approaches for bowtie;	1.0	\$ 325.00	\$ 325.00

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Will Brennan	10/28/19	(1.0) Downloaded/ saved down certain PG&E reports as requested by D. Pant (PG&E);	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/28/19	(1.0) Updated previous weeks status update huddle boards to document T/D/S progress on updating governance documents.	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/28/19	(1.0) Attended coordination call with Technology Digital Catalyst team led by Y. Manickam (PG&E) to discuss conversion of governance document questionnaire items to form that Digital Catalyst can use to update Inspect app as directed by J. Birch (PG&E)	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/28/19	(2.0) Review / comment on draft Inspection and Preventative Maintenance standard developed by PG&E PMO S.Foster (PG&E) at the request of R. Movafagh (PG&E).	2.0	\$ 325.00	\$ 650.00
Lucy Cai	10/28/19	2.1: Continued, from earlier on 10/28, updating HTRS vs. TAT excel to indicate newly inspected trees using updated Tree Assessment Tool, bringing in wind data and HTRS scoring	2.1	\$ 325.00	\$ 682.50
Taylor DeGrande	10/28/19	(2.5) Met with M. Bowser, F. Shammo (KPMG) to continue to develop the draft of Inspection and Preventative Maintenance standard as requested by R. Movafagh (PG&E).	2.5	\$ 325.00	\$ 812.50
Will Brennan	10/28/19	(2.8) Performed mapping of PG&E GNTs to red flag warnings. Corresponded with KPMG Alteryx experts for assistance in process; .	2.8	\$ 325.00	\$ 910.00
Will Brennan	10/28/19	(3.0) Updated specific metrics for DEs for use in PG&E according to PG&E's last RAMP filing in 2017;	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/28/19	3.2: Updated HTRS vs. TAT excel to indicate newly inspected trees using updated Tree Assessment Tool, bringing in wind data and HTRS scoring	3.2	\$ 325.00	\$ 1,040.00
farbod Farzan	10/28/19	(3.3) Update distribution underground network FE dataset in order to apply new tranching methodology as a result of discussion with Maria Ly (PG&E)	3.3	\$ 325.00	\$ 1,072.50
Taylor DeGrande	10/28/19	(3.0) Began update initial draft of Inspection and Preventative Maintenance standard based on existing documents provided by S.Foster (PG&E) at the request of R. Movafagh (PG&E).	3.0	\$ 325.00	\$ 975.00
farbod Farzan	10/28/19	(3.7) Utilized substation outage dataset in order to complete inputs for the bowtie risk model	3.7	\$ 325.00	\$ 1,202.50
Fran Shammo	10/28/19	.3 Communication with T. DeGrande (KPMG) to provide the updated template used to track T/D/S identified gaps on governance documents and updated questionnaire.;	0.3	\$ 275.00	\$ 82.50
Dennis Cha	10/28/19	0.5 Reviewed potential Task 2 event analysis request from J.C. Mathieson (PG&E).	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/28/19	0.5 Attended the morning 2020 Inspections Huddle call led by R. Maufavgh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser, T. DeGrande (KPMG)	0.5	\$ 275.00	\$ 137.50

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Fran Shammo	10/28/19	0.5 Attended the afternoon 2020 Inspections Huddle call led by R.Maufavgh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser (KPMG), T.DeGrande (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/28/19	0.8 At the request of R. Movafagh (PG&E) began to prepare updates to draft inspection and preventative maintenance standards based on existing documents provided by S.Foster (PG&E)	0.8	\$ 275.00	\$ 220.00
Dennis Cha	10/28/19	1.0 Met with M. Bowser (KPMG) to discuss AMS Task 2 weekly activities, deliverables, risks and challenges as of 10/28 relative to EC Optimization Program Project Management Office and other Task 2 activities.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/28/19	1.0 Reviewed current state of pole integrity assessment summary deck for content and message, concurrently planning for future state.	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/28/19	1.0 Attend 10/28 AMS Task 2 working session with T. DeGrande, M. Bowser (KPMG) for work planning and prioritization relative to AMS Task 2 support of EDPM/ETPM/SSPM Procedure Re-Write.	1.0	\$ 275.00	\$ 275.00
Dennis Cha	10/28/19	1.3 Updated ECOP final summary deck incorporating comments from J.C. Mathieson (PG&E).	1.3	\$ 275.00	\$ 357.50
Dennis Cha	10/28/19	1.5 Meeting to discuss the PIA Model in Alteryx with T.Anderson (KPMG) and to transition over the appropriate files related to the workflows in order to compute the pole prioritization levels. Additionally, walk through of formulas, variables, computations, and overall workflow associated with the model.	1.5	\$ 275.00	\$ 412.50
Trent Anderson	10/28/19	1.5 Meeting to discuss the PIA Model in Alteryx with D. Cha (KPMG) and to transition over the appropriate files related to the workflows in order to compute the pole prioritization levels. Additionally, walk through of formulas, variables, computations, and overall workflow associated with the model.	1.5	\$ 275.00	\$ 412.50
Trent Anderson	10/28/19	1.7 Alteryx model debugging by conducting forensic review of original Excel model to understand why some outputs for PTT are not aligning with the Alteryx workflow	1.7	\$ 275.00	\$ 467.50
Fran Shammo	10/28/19	2.6 Continue, from earlier on 10/28, to review / develop the draft of Inspection and Preventative Maintenance standard as requested by R. Movafagh (PG&E).	2.6	\$ 275.00	\$ 715.00
Fran Shammo	10/28/19	3.4 Continued, from earlier on 10/28, to update initial draft of Inspection and Preventative Maintenance standard based on existing documents provided by S.Foster (PG&E) at the request of R. Movafagh (PG&E)	3.4	\$ 275.00	\$ 935.00
Dennis Cha	10/28/19	3.8 Reviewed pole integrity assessment Alteryx workflow from T. Anderson (KPMG) for workflow process integrity, validity, and reproducibility.	3.8	\$ 275.00	\$ 1,045.00

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Trent Anderson	10/28/19	3.8 Alteryx model debugging WWE workstream, grouping projects by equipment number to consolidate duplicates and also for SAP	3.8	\$ 275.00	\$ 1,045.00
Adrian Irwin	10/29/19	(3.8) Perform walkthrough of proof of concept evaluations for the AWS products specified in the technical architecture; specifically Lambdas / Step Functions	3.8	\$ 325.00	\$ 1,235.00
Jeff Mahoney	10/29/19	(0.5) Meeting with J. White, A. Esler, D. Ross (KPMG), J. Dolphin, C. Izard, Y. Oum, B. Wong (PG&E) to interview personnel for distribution risk model development.	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/29/19	(0.5) Meeting with J. Mahoney, J. White, D. Ross (KPMG), J. Dolphin, C. Izard, Y. Oum, B. Wong (PG&E) to interview personnel for distribution risk model development;	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/29/19	(0.5) Meeting with J. Mahoney, J. White, K. Diaz, D. Ross (KPMG), J. Dolphin, C. Izard, Y. Oum, B. Wong (PG&E) to interview personnel for distribution risk model development.	0.5	\$ 435.00	\$ 217.50
Jeff Mahoney	10/29/19	(0.5) Meeting with J. Mahoney, J. White, M. Suga, D. Ross (KPMG), J. Dolphin, C. Izard, Y. Oum, B. Wong (PG&E) to interview personnel for distribution risk model development.	0.5	\$ 435.00	\$ 217.50
Scott Stoddard	10/29/19	Continue, as of 10/29, director review of draft Inspection and Preventative Maintenance Program standard, concurrently noting comments.	2.3	\$ 435.00	\$ 1,000.50
David Ross	10/29/19	.4 Call with J. Dolphin (PG&E), C. Izard (PG&E), Y. Oum (PG&E), J. White (KPMG), M. Suga (KPMG) to discuss qualifications of potential staffing candidate M. Suga to support distribution risk model development and python coding	0.4	\$ 400.00	\$ 160.00
Matthew Bowser	10/29/19	(0.5) Attended the morning 2020 Inspections Daily Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/Sand M. Bowser (KPMG), T.DeGrande, F. Shammo (KPMG).	0.5	\$ 400.00	\$ 200.00
David Ross	10/29/19	.5 Call with J. Dolphin (PG&E), C. Izard (PG&E), Y. Oum (PG&E), J. White (KPMG), A. Esler (KPMG) to discuss qualifications of potential staffing candidate A. Esler to support distribution risk model development and python coding	0.5	\$ 400.00	\$ 200.00
David Ross	10/29/19	.5 Call with J. Dolphin (PG&E), C. Izard (PG&E), Y. Oum (PG&E), J. White (KPMG), I. Ali (KPMG) to discuss qualifications of potential staffing candidate I. Ali to support distribution risk model development and python coding	0.5	\$ 400.00	\$ 200.00
David Ross	10/29/19	.5 Call with J. Dolphin (PG&E), C. Izard (PG&E), Y. Oum (PG&E), J. White (KPMG), K. Diaz (KPMG) to discuss qualifications of potential staffing candidate K. Diaz to support distribution risk model development and python coding;	0.5	\$ 400.00	\$ 200.00

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Matthew Bowser	10/29/19	(.8) Met with R. Movafagh (PG&E), S.Foster (PG&E) to review draft Inspection and Preventative Maintenance standard and provide revisions for completing preliminary draft to be reviewed by Law team.	0.8	\$ 400.00	\$ 320.00
Matthew Bowser	10/29/19	Update / combine narrative and TD0123 standard into a single utility document at the direction of L. Jordan (PG&E).	1.3	\$ 400.00	\$ 520.00
Matthew Bowser	10/29/19	Attend afternoon session of 2020 inspections program working session hosted by R. Movafagh (PG&E). Discussion focused on scoping of patrols and testing programs in overall maintenance programs and additional requirements.	3.0	\$ 400.00	\$ 1,200.00
Matthew Bowser	10/29/19	Attend morning session of 2020 inspection planning workshop hosted by R. Movafagh (PG&E). Focus on finalization of gap closure progress across Transmission, distribution and substation.	3.1	\$ 400.00	\$ 1,240.00
Will Brennan	10/29/19	(0.2) Corresponded with D. Pant (PG&E) regarding distribution underground network bowtie and drafted email for D. Pant (PG&E) to send internally about the subject;	0.2	\$ 325.00	\$ 65.00
Taylor DeGrande	10/29/19	(0.5)Attended the 10/29 morning 2020 Inspections Huddle call led by R. Movafagh (PG&E) with PG&E line of work leads for T/D/S and M. Bowser, F. Shammo (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/29/19	(0.5) Follow-up with F. Shammo (KPMG) on requirements need to extract T/S/D updated questionnaires to convert to Digital Catalyst format.	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/29/19	(0.5)Met with J. Liacos,F.Shammo (KPMG) to discuss extracting T/S/D updated questionnaires to convert to Digital Catalyst format.	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/29/19	(0.5)Meeting with M. Bowser (KPMG), T.DeGrande (KPMG), D. Cha (KPMG), (KPMG), and J. Liacos (KPMG) to develop Inspection and Preventative Maintenance PMO work plan and schedule through end of year based on current workstream progress and commitments as requested by R. Movafagh (PG&E) and J. Birch (PG&E).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/29/19	(0.5)Meeting with M. Bowser (KPMG) to discuss responsibilities of PMO led by R. Movafagh (PG&E) and J. Birch (PG&E) from November 1 through February 1	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/29/19	(0.5) Consolidate PMO planning / tracking templates to be used by R. Movafagh, J. Birch (PG&E) tracking T/D/S, Technology, Change Management 2020 Inspection activities.	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/29/19	(0.8) Call between H. Mejaty (PG&E), D. Pant (PG&E), F. Farzan (KPMG), and W. Brennan (KPMG) to discuss project updates and developments across asset family bowties.	0.8	\$ 325.00	\$ 260.00

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Will Brennan	10/29/19	(0.8) Call between H. Mejjaty (PG&E), D. Pant (PG&E), F. Farzan (KPMG) to discuss project updates and developments across asset family bowties.	0.8	\$ 325.00	\$ 260.00
Taylor DeGrande	10/29/19	(.8) Met with R. Movafagh (PG&E), S.Foster (PG&E), M. Bowser (KPMG) to review draft Inspection and Preventative Maintenance standard and provide revisions for completing preliminary draft to be reviewed by Law team.	0.8	\$ 325.00	\$ 260.00
Will Brennan	10/29/19	(1.0) Call with KPMG Alteryx expert B. Gomez (KPMG) to assist in using Alteryx to analyze shape files and PG&E DE bowtie GNTs;	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/29/19	(1.0)Met with Digital Catalyst team led by Y. Manickam to review required revisions on questionnaire form needed for developers to code within the INSPECT APP.	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/29/19	(1.1) Continuation of call and updates to D. Pant (PG&E) with F. Farzan (KPMG), and W. Brennan (KPMG) regarding asset family bowties and DE bowtie.	1.1	\$ 325.00	\$ 357.50
Will Brennan	10/29/19	(1.1) Continuation of call / updates to D. Pant (PG&E) with F. Farzan (KPMG) regarding asset family bowties and DE bowtie;	1.1	\$ 325.00	\$ 357.50
Will Brennan	10/29/19	(1.1) Utilized Alteryx to match PG&E GNTs to shape files provided by S. Vanukuri (PG&E).	1.1	\$ 325.00	\$ 357.50
farbod Farzan	10/29/19	(1.9) Continuation, as of 10/29, utilizing substation outage data in order to prepare risk input sheet for the bow tie model.	1.9	\$ 325.00	\$ 617.50
farbod Farzan	10/29/19	(2.5) Analysis of last five years blackout events within PG&E territory, investigating causes and sub-drivers of such events.	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/29/19	(3.0)Develop PMO draft schedule of activities through February 1st go-live date directed by R. Movafagh (PG&E) to include all workstream activities within the T/D/S that the PMO will track through completion starting November 1.	3.0	\$ 325.00	\$ 975.00
Lucy Cai	10/29/19	3.1: Updated slide on HTRS vs. TAT hazard trees indicating differences in decision-making using both forms	3.1	\$ 325.00	\$ 1,007.50
farbod Farzan	10/29/19	(3.4) Continuation, as of 10/29, utilization of distribution underground network FE dataset in order to prepare risk input sheet for the bow tie model.	3.4	\$ 325.00	\$ 1,105.00
Will Brennan	10/29/19	(3.7) Catalogued events into certain database as requested by D. Pant (PG&E) for specific bowtie;	3.7	\$ 325.00	\$ 1,202.50
Dennis Cha	10/29/19	0.5 Reviewed AMS Task 2 meeting agenda with S. Stoddard (KPMG - engagement director) and M. Bowser (KPMG - engagement manager).	0.5	\$ 275.00	\$ 137.50

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Dennis Cha	10/29/19	0.5 Meeting with M. Bowser (KPMG), T.DeGrande (KPMG), D. Cha (KPMG), (KPMG), and J. Liacos (KPMG) to develop Inspection and Preventative Maintenance PMO work plan and schedule through end of year based on current workstream progress and commitments as requested by R.Muvafagh (PG&E) and J. Birch (PG&E).	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/29/19	0.5 Attended the 2020 Inspections 10/29 Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/S, M. Bowser, T.DeGrande (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/29/19	0.5 Communication with T. DeGrande (KPMG) on requirements needed to extract T/S/D updated questionnaires to convert to Digital Catalyst format;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/29/19	0.5 Met with J. Liacos (KPMG) to discuss extracting T/S/D updated questionnaires to convert to Digital Catalyst format.;	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/29/19	0.5 Meeting with M. Bowser, T.DeGrande,, D. Cha, J. Liacos (KPMG) to develop Inspection and Preventative Maintenance PMO work plan and schedule through end of year based on current workstream progress and commitments as requested by R. Movafagh (PG&E) and J. Birch (PG&E).;	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/29/19	1.2 Aggregated AMS Task 2 meeting agenda as of 10/29.	1.2	\$ 275.00	\$ 330.00
Trent Anderson	10/29/19	1.5Access PG&E virtual desktop, navigate through Tableau server, downloaded latest WWE, verified contents are correct, uploaded toesft site and updated Alteryx model with newly converted WWE (from XLB to XLSX) /	1.5	\$ 275.00	\$ 412.50
Dennis Cha	10/29/19	1.8 Reviewed system hardening projects investment plan from B. Koelling (PG&E) in relation to their applicability / reliability to the EC Optimization Program system hardening projects.	1.8	\$ 275.00	\$ 495.00
Trent Anderson	10/29/19	3.0 Alteryx model debugging for pole loading calculation data provided by Osmose, appending new workflow to existing Pole Test & Treat data; confirmed variances in PLC was due to data calculation dates not pulling from the latest calculation dataset /	3.0	\$ 275.00	\$ 825.00
Fran Shammo	10/29/19	3.4 Continue, from earlier on 10/29, conversion of T-line (non steel -500kv) questionnaires from 2020 gap assessment tool into Digital Catalyst formatting templates for development of inspect.	3.4	\$ 275.00	\$ 935.00
Fran Shammo	10/29/19	3.6 Conversion of T-line (non steel -500kv) questionnaires from 2020 gap assessment tool into Digital Catalyst formatting templates for development of inspection	3.6	\$ 275.00	\$ 990.00

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Trent Anderson	10/29/19	3.6 Developed the Alteryx Pole Integrity Analysis Memorandum to include a summary of what the analysis was about, how it was conducted in terms of procedures and relevant data sources leveraged, and a summary of all applicable transformations and manipulations to the raw datasets provided	3.6	\$ 275.00	\$ 990.00
Dennis Cha	10/29/19	3.8 Drafted the first iteration of Pole Integrity Assessment futures state proposal deck, slides 1 - 3 for the overview and background.	3.8	\$ 275.00	\$ 1,045.00
Adrian Irwin	10/30/19	(3.9) Perform walkthrough of proof of concept evaluations for the AWS products specified in the technical architecture; specifically EC2 / RDS databases	3.9	\$ 325.00	\$ 1,267.50
Reid Tucker	10/30/19	(1.0) AMS Task 2 meeting with J. Gonzalez S.Stoddard, M. Bowser, T.DeGrande, D. Cha, T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.0	\$ 500.00	\$ 500.00
Scott Stoddard	10/30/19	AMS Task 2 meeting with J. Gonzalez R. Tucker,M. Bowser, T.DeGrande, D. Cha,T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.0	\$ 435.00	\$ 435.00
Scott Stoddard	10/30/19	Director review of Task 2 status, progress as of 10/30	1.0	\$ 435.00	\$ 435.00
David Ross	10/30/19	.4 Call with J. Guth, J. Donaghy, A. Irwin, J. White (KPMG) to discuss work plan for software hosting application and required python coding inputs and relevant APIs	0.4	\$ 400.00	\$ 160.00
Daniel Elmlblad	10/30/19	0.5 - Discussion with S. Vanukuri (PG&E) regarding mitigation effectiveness calculations and approach developed for AMS GRC and for his future use in developing future mitigation effectiveness calculations for RAMP;	0.5	\$ 400.00	\$ 200.00
Jon Guth	10/30/19	(.5) Call with J. White (KPMG), D. Ross (KPMG), J. Donaghy(KPMG), A. Irwin (KPMG) to align on the current status of the project and timing for re-engagement of the hosting work stream	0.5	\$ 400.00	\$ 200.00
Matthew Bowser	10/30/19	Facilitate working session for continued development of TD 0123 standard with R. Movafagh (PG&E) and the 2020 inspections planning PMO (S. Foster, J. Birch, H. Duncan, M. Vaduya, all PG&E).	1.0	\$ 400.00	\$ 400.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Bowser	10/30/19	AMS Task 2 meeting with G. Armstrong, J. Gonzalez R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.0	\$ 400.00	\$ 400.00
Matthew Bowser	10/30/19	Updated consolidated TD 0123 standard based on feedback from working team.	1.7	\$ 400.00	\$ 680.00
Matthew Bowser	10/30/19	Working session with T.DeGrande, F.Shammo (KPMG) to review new upcoming PMO as the T/D/S LOBs have created implementation plans to track Governance document creation, technology implementation, and change management activities	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/30/19	Attend morning session (10/30) of 2020 Inspections planning workshop with R. Movafagh (PG&E)-discussion focused on prioritization model of new corrective maintenance tags and impacts to SAP, inspections, and work execution processes.	3.1	\$ 400.00	\$ 1,240.00
farbod Farzan	10/30/19	(0.4) Call between S. Vanukuri (PG&E), W. Brennan (KPMG) to discuss the DER score efficiency and possible updates.	0.4	\$ 325.00	\$ 130.00
Will Brennan	10/30/19	(0.4) Call between S. Vanukuri (PG&E), F. Farzan (KPMG) to discuss the DER score efficiency and possible updates;	0.4	\$ 325.00	\$ 130.00
Will Brennan	10/30/19	(0.5) Researched / corresponded with B. Wong (PG&E) regarding CPUC reportable GNTs, their classifications;	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/30/19	(0.5) Updated DE PowerPoint deck for D. Pant (PG&E);	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/30/19	(0.5) Attended the 10/30 morning 2020 Inspections Huddle call led by R. Movafagh (PG&E) with PG&E line of work leads for T/D/S and M. Bowser, T.DeGrande (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/30/19	(0.8) Review / incorporate T/D/S comments on draft TD-0123S Standard for PMO review as requested by R.Mauvfagh (PG&E)	0.8	\$ 325.00	\$ 260.00
Taylor DeGrande	10/30/19	(1.0) Prepared for morning 2020 Inspections daily huddle to update slides with previous days progress applicable to team report out	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/30/19	(1.0) AMS Task 2 meeting with G. Armstrong, J. Gonzalez R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream.	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/30/19	(1.0) Met with F. Shammo (KPMG) & J. Liacos (KPMG) on conversion of T/D/S questionnaire forms into updated template for Digital Catalyst team.	1.0	\$ 325.00	\$ 325.00

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Asset Management Services

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Name	Date	Description	Hours	Rate	Amount
Will Brennan	10/30/19	(1.5) Updated blackout bowtie by cataloguing events into blackout database as requested by D. Pant(PG&E).	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/30/19	(1.5) Create PMO work plan and templates to track T/D/S implementation plans to review in working sessions with F. Shammo (KPMG).	1.5	\$ 325.00	\$ 487.50
Taylor DeGrande	10/30/19	(2.0) Met with M. Bowser, T.DeGrande , (KPMG) to review new upcoming PMO as the T/D/S LOBs have created implementation plans to track Governance document creation, technology implementation, and change management activities	2.0	\$ 325.00	\$ 650.00
farbod Farzan	10/30/19	(3.3) Continuation, as of 10/30, utilization of distribution underground network FE dataset in order to prepare risk input sheet for the bow tie model.	3.3	\$ 325.00	\$ 1,072.50
Will Brennan	10/30/19	(3.4) Utilized Alteryx and excel to match red flag warnings with DE GNTs for DE bowtie;	3.4	\$ 325.00	\$ 1,105.00
farbod Farzan	10/30/19	(3.7) Updated transmission overhead, distribution overhead , substation risk input sheet in order to modify risk inputs sheets according to the discussion with H. Mejjaty (PG&E)	3.7	\$ 325.00	\$ 1,202.50
Dennis Cha	10/30/19	0.5 AMS Task 2 weekly internal coordination with R. Tucker, S.Stoddard, M. Bowser, T.DeGrande, D. Cha, and (KPMG) to align on the current status, progress, and risks/challenges for the EC Optimization Program / Pole Integrity Assessment support, the Distribution Asset Management support, and the 2020 inspection Planning support.	0.5	\$ 275.00	\$ 137.50
Dennis Cha	10/30/19	0.5 Discussed handover on Pole Integrity Assessment support with T. Anderson (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/30/19	0.5 Met with J. Liacos (KPMG) to compare and align work completed on Conversion of T-line Steel/NonSteel/500kv/non-500kv/switches questionnaires from 2020 gap assessment tool into Digital Catalyst formatting templates for development of inspect;	0.5	\$ 275.00	\$ 137.50
Jack Liacos	10/30/19	Meeting with M. Bowser (KPMG), T.DeGrande (KPMG), D. Cha (KPMG), (KPMG) to develop Inspection and Preventative Maintenance PMO work plan and schedule through end of year based on current workstream progress and commitments as requested by R. Movafagh (PG&E) and J. Birch (PG&E).	0.5	\$ 275.00	\$ 137.50
Jack Liacos	10/30/19	Met with T.DeGrande,F.Shammo (KPMG) to discuss extracting T/S/D updated questionnaires to convert to Digital Catalyst format.	0.5	\$ 275.00	\$ 137.50

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Name	Date	Description	Hours	Rate	Amount
Fran Shammo	10/30/19	1.0 AMS Task 2 meeting with G. Armstrong, J. Gonzalez R. Tucker, S.Stoddard,M.Bowser, T.DeGrande, D. Cha, and T.Anderson (KPMG) to align on the current status and progress for the ECOP Final Review Summary Report and the 2020 inspection plan update; Discussed processes, stakeholders, validated facts and figures, and overall plan forward for each work stream;	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/30/19	1.0 Discussion with T. DeGrande, J. Liacos (KPMG) on conversion of T/D/S questionnaire forms into updated template for Digital Catalyst team.;	1.0	\$ 275.00	\$ 275.00
Jack Liacos	10/30/19	Met with , T.DeGrande (KPMG) on conversion of T/D/S questionnaire forms into updated template for Digital Catalyst team.	1.0	\$ 275.00	\$ 275.00
Trent Anderson	10/30/19	1.5 Completed work paper documentation (updating, uploading, filing)for all pole integrity related items including the model, summary review deck, applicable raw data sources, and other ancillary files related to the program	1.5	\$ 275.00	\$ 412.50
Fran Shammo	10/30/19	1.6 Create PMO work plan and templates to track T/D/S implementation plans to review with M. Bowser (KPMG)	1.6	\$ 275.00	\$ 440.00
Fran Shammo	10/30/19	2.0 Meeting with M. Bowser, T.DeGrande (KPMG) to review new upcoming PMO as the T/D/S LOBs have created implementation plans to track Governance document creation, technology implementation, and change management activities;	2.0	\$ 275.00	\$ 550.00
Jack Liacos	10/30/19	Perform conversion of Steel structure 500 kv questionnaire for digital catalyst	3.0	\$ 275.00	\$ 825.00
Dennis Cha	10/30/19	3.2 Continued, as of 10/30, to draft the Pole Integrity Assessment deck, slides 2-4 for the overview, background, and lessons learned.	3.2	\$ 275.00	\$ 880.00
Fran Shammo	10/30/19	3.3 Continue, from earlier on 10/30, conversion of T-line Steel/NonSteel/500kv/non-500kv/switches questionnaires from 2020 gap assessment tool into Digital Catalyst formatting templates for development of inspect, finalizations of single format to be applied to all other questionnaires the following day.;	3.3	\$ 275.00	\$ 907.50
Fran Shammo	10/30/19	3.4 Continue, as of 10/30, conversion of T-line Steel/NonSteel/500kv/non-500kv/switches questionnaires from 2020 gap assessment tool into Digital Catalyst formatting templates for development of inspection	3.4	\$ 275.00	\$ 935.00
Trent Anderson	10/30/19	3.4 Completed final pole integrity summary review and compiled output data from the pole integrity model into an Excel document for review with PG&E; transitioned documents and model to D. Cha (KPMG)	3.4	\$ 275.00	\$ 935.00
Dennis Cha	10/30/19	/			
	10/30/19	3.7 Continued to update the ECOP final summary deck, slides 5-9, on proposed project summary.	3.7	\$ 275.00	\$ 1,017.50

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Name	Date	Description	Hours	Rate	Amount
Adrian Irwin	10/31/19	(1.2) PG&E Planning meeting with J.Guth, T. Abbas (KPMG) to document a plan for activities and estimated hours for the next 3 weeks with output of the meeting an activity and resource plan (1.8) Finalizing Level 1 technical architecture plan and layout	4.0	\$ 325.00	\$ 1,300.00
Matt Broida	10/31/19	(0.5) Review of bow-tie progress and plan with F. Farbod, W. Brennan (KPMG) as of 10/31	0.5	\$ 435.00	\$ 217.50
Matt Broida	10/31/19	(0.7) Review of bowtie progress prior to update meeting with PG&E	0.7	\$ 435.00	\$ 304.50
Matt Broida	10/31/19	(3.9) Director review of all AMS reporting material as of 10/31	3.9	\$ 435.00	\$ 1,696.50
Matthew Bowser	10/31/19	Develop weekly update for AMS program status update for ECOP, Pole Integrity, and 2020 work planning initiatives.	0.8	\$ 400.00	\$ 320.00
Jon Guth	10/31/19	(1.2) PG&E Planning meeting with A.Irwin (KPMG) and T. Abbas (KPMG) to document a plan for activities and estimated hours for the next 3 weeks with output of the meeting an activity and resource plan	1.2	\$ 400.00	\$ 480.00
Matthew Bowser	10/31/19	Met with T. DeGrande, F. Shammo (KPMG) to discuss implementation of Phase 2 for 2020 inspections planning PMO, including status update template and overall initiative schedule.	2.0	\$ 400.00	\$ 800.00
Matthew Bowser	10/31/19	Consolidate review comments from subject matter expert (SME) teams as well as M. Hvistendahl, L. Jordan, and R. Movafagh (all PG&E) on TD 0123 standard.	2.1	\$ 400.00	\$ 840.00
Matthew Bowser	10/31/19	Attend morning session (10/31) 2020 inspections planning workshop- continued discussion on priority model of corrective maintenance tags based on feedback from B. Nie (PG&E).	3.9	\$ 400.00	\$ 1,560.00
farbod Farzan	10/31/19	(0.5) Call with M. Broida, W. Brennan (KPMG) to discuss project updates as of 10/31, developments regarding PG&E's risk bowties.	0.5	\$ 325.00	\$ 162.50
Will Brennan	10/31/19	(0.5) Call between M. Broida, F. Farzan (KPMG) to discuss project updates as of 10/31 and developments regarding PG&E's risk bowties;	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/31/19	(0.5)Review of INSPECT questionnaire content with M. Bowser, (KPMG).	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/31/19	(0.5) Reviewed PMO plan / templates with M. Bowser, (KPMG)	0.5	\$ 325.00	\$ 162.50
Taylor DeGrande	10/31/19	(0.5)Attended Jira backlog meeting with J. Birch (PG&E) and Digital Catalyst team to understand how backlog related to INSPECT app development	0.5	\$ 325.00	\$ 162.50
farbod Farzan	10/31/19	(1.0) Update of DER bowtie in order to incorporate red flag warnings into the tranching methodology (matching reportable GNT events to the red flag warnings from national weather service).	1.0	\$ 325.00	\$ 325.00
Will Brennan	10/31/19	(1.0) Utilized Alteryx to match the larger fires reported by Cal Fire to the fires that affected PG&E territory;	1.0	\$ 325.00	\$ 325.00

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Name	Date	Description	Hours	Rate	Amount
Taylor DeGrande	10/31/19	(1.0)Attended the morning 2020 Inspections Huddle call led by R. Movafagh (PG&E), with PG&E line of work leads for T/D/S and M. Bowser (KPMG), and T.DeGrande (KPMG).	1.0	\$ 325.00	\$ 325.00
Taylor DeGrande	10/31/19	(1.0)Review INSPECT questionnaire template with J. Birch (PG&E) and discuss next steps	1.0	\$ 325.00	\$ 325.00
farbod Farzan	10/31/19	(1.1) Call between B. Wong (PG&E), W. Brennan (KPMG) to discuss DE bowtie tranching and reliability metrics in addition to the blackout bowtie.	1.1	\$ 325.00	\$ 357.50
Will Brennan	10/31/19	(1.1) Call between B. Wong (PG&E), F. Farzan (KPMG) to discuss DE bowtie tranching and reliability metrics in addition to the blackout bowtie;	1.1	\$ 325.00	\$ 357.50
Taylor DeGrande	10/31/19	(1.5)Working session with F. Shammo (KPMG) to review updated INSPECT questionnaire template prior to review with J. Birch (PG&E)	1.5	\$ 325.00	\$ 487.50
Will Brennan	10/31/19	(2.0) Researched the fire weather outlooks, how they are different from Red Flag Warnings for use in the DE bowtie;	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/31/19	(2.0) Research, concurrently updating blackout bowtie according to NERC classifications.	2.0	\$ 325.00	\$ 650.00
Will Brennan	10/31/19	(2.5) Updated DE bowtie to match fire weather outlooks to records and shared updated risk input sheets with B. Wong (PG&E);	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/31/19	(2.5)Met with F. Shammo (KPMG) to develop PMO strategy and templates	2.5	\$ 325.00	\$ 812.50
Taylor DeGrande	10/31/19	(3.0) Continued working session with F.Shammo,J.Liacos (KPMG) to review updated INSPECT questionnaire template prior to review with J. Birch (PG&E)	3.0	\$ 325.00	\$ 975.00
Dennis Cha	10/31/19	1.4 Reviewed EC Tag tracker from B&V; 3.8 Continued to update the ECOP final summary deck, slides 10-20, on proposed project summary.	5.2	\$ 275.00	\$ 1,430.00
Dennis Cha	10/31/19	3.7 Reviewed the data quality, relationship with other data, etc. on the wire down data per request from J. Birch (PG&E).	3.7	\$ 275.00	\$ 1,017.50
farbod Farzan	10/31/19	(3.6) Analyzed reliability consequences of recent DEs in PG&E territory, concurrently investigating reliability impacts as a function of fire sizes	3.6	\$ 325.00	\$ 1,170.00
farbod Farzan	10/31/19	(3.4) Continuation, from earlier on 10/31, analysis of reliability consequences of recent DEs in PG&E territory, concurrently investigating reliability impacts as a function of fire sizes	3.4	\$ 325.00	\$ 1,105.00
Fran Shammo	10/31/19	3.0 Continued discussion with J. Liacos (KPMG) to walk through updated INSPECT questionnaire template prior to review with J. Birch (PG&E);	3.0	\$ 275.00	\$ 825.00
Jack Liacos	10/31/19	Continue, as of 10/31, to perform conversion of Steel structure 500 kv questionnaire for digital catalyst	3.0	\$ 275.00	\$ 825.00
Jack Liacos	10/31/19	Continued meeting with (KPMG) and (No Suggestions) (KPMG) to review updated INSPECT questionnaire template prior to review with J. Birch (PG&E)	3.0	\$ 275.00	\$ 825.00

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Name	Date	Description	Hours	Rate	Amount
Fran Shammo	10/31/19	2.5 Working session with T. DeGrande (KPMG) to develop PMO strategy template;	2.5	\$ 275.00	\$ 687.50
Fran Shammo	10/31/19	0.5 Discussion of INSPECT questionnaire content with M. Bowser, T.DeGrande (KPMG)	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/31/19	0.5 Reviewed PMO plan / templates with M. Bowser, T. DeGrande (KPMG) in advance of client.	0.5	\$ 275.00	\$ 137.50
Fran Shammo	10/31/19	1.0 Attended call led by R. Movafagh (PG&E) - 2020 Inspections 10/31 Huddle, with PG&E line of work leads for T/D/S and M.Bowser,T.DeGrande (KPMG)	1.0	\$ 275.00	\$ 275.00
Jack Liacos	10/31/19	Performed underground questionnaire conversion for digital catalyst	1.0	\$ 275.00	\$ 275.00
Jack Liacos	10/31/19	Performed switches questionnaire conversion for digital catalyst	1.0	\$ 275.00	\$ 275.00
Jack Liacos	10/31/19	Performed Non-Steel structure questionnaire conversion for digital catalyst	1.0	\$ 275.00	\$ 275.00
Fran Shammo	10/31/19	1.5 Met with T. DeGrande (KPMG) to review updated INSPECT questionnaire template prior to review with J. Birch (PG&E);	1.5	\$ 275.00	\$ 412.50
Jack Liacos	10/31/19	Performed Steel structure questionnaire conversion for digital catalyst	2.0	\$ 275.00	\$ 550.00
Total Asset Management Services			<u>2,668.8</u>		<u>\$ 922,324.00</u>

EXHIBIT C2

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/01/19	1.0 Meeting with G. Vadathu (PG&E), T. Sedgwick, J. Conkel (KPMG) to review the Cloud Data Loss Prevention (DLP) LP Recommendations for Enforcement Actions deliverable for stakeholder approval	1.0	
Garrett Dupree	10/01/19	2.5 Update the cloud DLP design patterns deliverable to include the security requirements for implementing Azure RMS as a tagging and encryption capability as well as the comprehensive feature list for the product.	2.5	
Garrett Dupree	10/01/19	3.0 Performed research regarding the capability description for Symantec Web Gateway, as well as comparable Symantec product that maintains the proxy component / similar infrastructure requirements to incorporate into the Cloud DLP design patterns deliverable.	3.0	
Garrett Dupree	10/01/19	3.0 Updated the Cloud DLP design patterns deliverable with the capability description for Symantec Secure Web Gateway that used the ProxySG component and gathered the integration details for combining the DLP capabilities with this proxy server.	3.0	
Gary Rich	10/01/19	0.5 Meeting with K. Hornland (KPMG) to discuss de-identification pilot kick off slide deck with owners of the ACS application, and related questionnaire with specific database information requests provided by DataGuise with application owners.	0.5	
Josh Conkel	10/01/19	1.0 Meeting with G. Vadathu (PG&E), T. Sedgwick, G. Dupree (KPMG) to review the Cloud Data Loss Prevention (DLP) LP Recommendations for Enforcement Actions deliverable for stakeholder approval	1.0	
Josh Conkel	10/01/19	Meeting with G. Vadathu (PG&E), S. Yem (PG&E), N. Ranganathan (PG&E), N. Kumar (PG&E) B. Spell (PG&E), A. Hernandez (Symantec) to review progress on action items associated with the existing data loss prevention (DLP) system, including false positive reduction and versions of databases that can be scanned by the DLP system.	1.5	
Josh Conkel	10/01/19	Analyzed system requirements for data loss prevention web protect including it's use in the PG&E environment by analyzing the web proxy usage in the PG&E network environment.	2.6	
Josh Conkel	10/01/19	Analyzed system requirements for data loss prevention web protect including it's use in the PG&E environment - activities included: (1.4) analysis of practicality of use of existing Palo Alto devices to intercept secure web traffic as a proxy; and (1.5) changes required on the endpoint to enable web proxy usage if transparent proxy usage isn't a good option.	2.9	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/01/19	0.5 Meeting with G. Rich (KPMG) to discuss de-identification pilot kick off slide deck with owners of the ACS application, and related questionnaire with specific database information requests provided by DataGuise with application owners.	0.5	
Kristy Hornland	10/01/19	0.5 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG) to review current Colibra draft. Determined updates would need to be made to include data inventory upload.	0.5	
Michael Gomez	10/01/19	0.5 Partner review of Colibra configuration management plan as of 10/1	0.5	
Michael Gomez	10/01/19	Meeting with T. Sedgwick (KPMG) to discuss potential use of Azure information protection rather than Symantec encryption and tagging capability, and ideas to capture within Data Loss Prevention design patterns	1.0	
Michael Gomez	10/01/19	Principal review of DLP recommended enforcement actions	1.0	
Toby Sedgwick	10/01/19	0.5 Meeting with G. Vadathu (PG&E), K. Hornland (KPMG) to review current Colibra draft. Determined updates would need to be made to include data inventory upload;	0.5	
Toby Sedgwick	10/01/19	1.0 Meeting with G. Vadathu (PG&E), J. Conkel, G. Dupree (KPMG) to review the Cloud Data Loss Prevention (DLP) LP Recommendations for Enforcement Actions deliverable for stakeholder approval	1.0	
Toby Sedgwick	10/01/19	1.0 Meeting with S. Kayum (PG&E), A. Keohi (PG&E) to discuss project milestone status and invoice procedures as of 10/1/19.	1.0	
Toby Sedgwick	10/01/19	Meeting with M. Gomez (KPMG) to discuss potential use of Azure information protection rather than Symantec encryption and tagging capability, and ideas to capture within Data Loss Prevention design patterns	1.0	
Garrett Dupree	10/02/19	0.5 Meeting with M. Javier (PG&E), C. Jennings (PG&E), T. Sedgwick(KPMG) to discuss the goals of the Data Security Program, options for running the DLP test scans against HR data, and next steps for selecting Human Resources SharePoint sites and network file shares to scan in order to fulfill project deliverable requirements.	0.5	
Garrett Dupree	10/02/19	0.8 Meeting with C. Mattos (PG&E), T. Sedgwick (KPMG) to discuss the project scanning requirements for Data-At-Rest and Data-In-Motion as well as CloudSOC functionality to inform his DLP architecture designs of how the servers will be utilized to meet the needs of the DataSecurity Program.	0.8	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/02/19	1.5 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), A. Hernandez (Symantec), T. Sedgwick (KPMG) to review the proposed DLP architecture diagrams, server hardware capabilities, and high-level PG&E data footprints with Symantec support representative A. Hernandez (Symantec) in order to confirm that the planned DLP architecture builds will meet the needs of PG&E to scan and secure data in the internal and public cloud.	1.5	
Garrett Dupree	10/02/19	1.8 Updated the cloud DLP design patterns deliverable with the business need description for the Symantec Secure Web Gateway product using ProxySG as well as the security requirements description for the product.	1.8	
Garrett Dupree	10/02/19	1.8 Updated the cloud DLP recommendations for enforcement actions deliverable to include additional customer data fields as requested by G. Vadathu (PG&E) for deliverable approval.	1.8	
Garrett Dupree	10/02/19	2.6 Updated the use cases and high-level feature list sections for the Symantec Secure Web Gateway with Proxy SG suggestion apart of the Cloud DLP design patterns deliverable.	2.6	
Gary Rich	10/02/19	Meeting with A. Kumari (PG&E), D. Prasad (PG&E), D. Wong (PG&E), N. Kumar, (PG&E), J. Sunderrajan (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) and K. Hornland (KPMG) to review de-identification pilot kick off slide deck with owners of the MHP application, and review questionnaire with specific database information requests provided by DataGuise with application owners.	0.4	
Josh Conkel	10/02/19	2.0 Created a list of topics for communication to Symantec Pro Services around the use of gatelet technology for active web and email blocking.	2.0	
Kristy Hornland	10/02/19	Meeting with A. Kumari (PG&E), D. Prasad (PG&E), D. Wong (PG&E), N. Kumar, (PG&E), J. Sunderrajan (PG&E), G. Rich, Y. Kerzner (KPMG) to review de-identification pilot kick off slide deck with owners of the MHP application, and review questionnaire with specific database information requests provided by DataGuise with application owners.	0.4	
Toby Sedgwick	10/02/19	0.5 Meeting with M. Javier (PG&E), C. Jennings (PG&E), J. Conkel, G. Dupree (KPMG) to discuss the goals of the Data Security Program, options for running the DLP test scans against HR data, and next steps for selecting Human Resources SharePoint sites and network file shares to scan in order to fulfill project deliverable requirements.	0.5	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/02/19	0.8 Meeting with C. Mattos (PG&E), G. Dupree (KPMG) to discuss the project scanning requirements for Data-At-Rest and Data-In-Motion as well as CloudSOC functionality to inform his DLP architecture designs of how the servers will be utilized to meet the needs of the DataSecurity Program.	0.8	
Toby Sedgwick	10/02/19	1.5 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), A. Hernandez (Symantec), J. Conkel, G. Dupree (KPMG) to review the proposed DLP architecture diagrams, server hardware capabilities, and high-level PG&E data footprints with Symantec support representative A. Hernandez (Symantec) in order to confirm that the planned DLP architecture builds will meet the needs of PG&E to scan and secure data in the internal and public cloud:	1.5	
Yosef Kerzner	10/02/19	Meeting with A. Kumari (PG&E), D. Prasad (PG&E), D. Wong (PG&E), N. Kumar, (PG&E), J. Sunderrajan (PG&E), G. Rich, K. Hornland (KPMG) to review de-identification pilot kick off slide deck with owners of the MHP application, and review questionnaire with specific database information requests provided by DataGuise with application owners.	0.4	
Garrett Dupree	10/03/19	0.5 Meeting with K. Hornland (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/3/19.	0.5	
Garrett Dupree	10/03/19	1.0 Compiled weekly accomplishments / goals for week ending 10/11 related to the DLP work streams at the request of G. Vadathu (PG&E).	1.0	
Garrett Dupree	10/03/19	2.5 Gather the high-level infrastructure requirements for implementing the Symantec Web Gateway design pattern to incorporate into the Cloud DLP design patterns deliverable.	2.5	
Gary Rich	10/03/19	Meeting with P. Sharma (DataGuise), S. Inder (DataGuise), T. Sedgwick, Y. Kerzner (KPMG) to discuss questions relating to test cases, specific configuration and testing elements to be included in the test and configuration management documents that are to be provided to PG&E as part of the tool implementation work, as well as potential strategies for configuring a staging environment for databases of selected applications.	0.8	
Josh Conkel	10/03/19	Reconfigured two database targets within the DLP system to use the new policies to determine what data elements were found in the databases in question - targets included Oracle (.3) and MSSQL (.4) database servers	0.7	
Josh Conkel	10/03/19	Created spreadsheet to map the potential combinations of customer data points to improve reporting in data loss prevention policies.	0.8	

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Josh Conkel	10/03/19	1.3 Meeting with R. Amer (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), N. Kumar (PG&E), T. Howe (PG&E) for a data security program all hands meeting. Discussed plans for scan errors, defining databases as in scope or out of scope, Oracle and Microsoft Structured Query Language (MSSQL) database scanning.	1.3	
Josh Conkel	10/03/19	Reconfigure the scan policies in the data loss prevention server to search for specific data elements within customer care data points for Oracle servers (2.7).	2.7	
Josh Conkel	10/03/19	Reconfigured scan policies in the data loss prevention server to search for specific data elements within customer care data points for MSSQL servers (2.5)	2.5	
Kristy Hornland	10/03/19	0.5 Meeting with G. Dupree (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/3/19.	0.5	
Kristy Hornland	10/03/19	0.2 Meeting with Y. Kerzner (KPMG) to discuss progress and next steps for the data de-identification workstream as of 10/3/19.	0.2	
Kristy Hornland	10/03/19	1.0 Prepared the weekly status report, as of 10/3, for communication to PG&E	1.0	
Toby Sedgwick	10/03/19	0.5 Meeting with Y. Kerzner, J. Yusz (KPMG) to discuss responsibilities related to the data de-identification effort, and break out next steps for three items including access permissions for DataGuise tool installation, process re-engineering discussions, and runbook activities.	0.5	
Toby Sedgwick	10/03/19	Meeting with P. Sharma (DataGuise), S. Inder (DataGuise), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss questions relating to test cases, specific configuration and testing elements to be included in the test and configuration management documents that are to be provided to PG&E as part of the tool implementation work, as well as potential strategies for configuring a staging environment for databases of selected applications.	0.8	
Yosef Kerzner	10/03/19	0.3 Communication regarding next steps related to recurring touchpoint with PG&E, KPMG, and DataGuise members as part of a De-identification configuration and installation touchpoint.	0.3	
Yosef Kerzner	10/03/19	0.3 Communication regarding upcoming meeting with members of DataGuise team to review / advise on items from the test plan and configuration management plans for the data de-identification effort.	0.3	

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Yosef Kerzner	10/03/19	0.4 Aggregated questions from an email exchange between DataGuise team members and G. Rich (KPMG), as well as elements of the draft de-identification test plan, to be requested from DataGuise team members during an upcoming meeting.	0.4	
Yosef Kerzner	10/03/19	0.5 Meeting with T. Sedgwick, J. Yusz (KPMG) to discuss responsibilities related to the data de-identification effort, and break out next steps for three items including access permissions for DataGuise tool installation, process re-engineering discussions, and runbook activities.	0.5	
Yosef Kerzner	10/03/19	0.2 Meeting with K. Hornland (KPMG) to discuss progress and next steps for the data de-identification workstream as of 10/3/19.	0.2	
Yosef Kerzner	10/03/19	Meeting with D. Gaurav (PG&E) regarding additional members to include on the recurring Friday weekly meeting, discussing access permissions to the DGSecure tool installation on the infrastructure, and discussed follow-up on the test environment architecture diagram.	0.5	
Yosef Kerzner	10/03/19	Meeting with P. Sharma (DataGuise), S. Inder (DataGuise), G. Rich, T. Sedgwick (KPMG) to discuss questions relating to test cases, specific configuration and testing elements to be included in the test and configuration management documents that are to be provided to PG&E as part of the tool implementation work, as well as potential strategies for configuring a staging environment for databases of selected applications.	0.8	
Garrett Dupree	10/04/19	2.7 Updated the Cloud DLP design patterns deliverable with the combined features of Symantec Network Prevent for Web, ProxySG, Symantec DLP, and Symantec Security Web Gateway which is used to support the design pattern suggesting the implementation of a forward or reverse proxy.	2.7	
Garrett Dupree	10/04/19	2.9 Reviewed the PG&E data governance policies to identify the current restrictions against saving data to cloud as well as on-premises repositories in order to incorporate into the Cloud revisions to standards & policies deliverable.	2.9	
Garrett Dupree	10/04/19	3.0 Updated the Cloud DLP design patterns deliverable with the capability description for using the Titus product as a tagging capability, concurrently documenting the integration features when the product is used with Symantec DLP.	3.0	
Gary Rich	10/04/19	0.7 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), T. Sedgwick (KPMG) to introduce new solution architect to DataGuise team and discuss implementation strategies.	0.7	

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Gary Rich	10/04/19	1.0 Reviewed and concurrently compiled configurations / access scripts for de-identification solution in order to distribute to PG&E counterparts.	1.0	
Gary Rich	10/04/19	2.0 Began developing de-identification options which will be communicated / distributed to PG&E application owners.	2.0	
Josh Conkel	10/04/19	1.0 Performed SharePoint test scans from the data loss prevention system (DLP) to verify completion of firewall exception rule ticket (scan failed, will follow up with the network engineering and firewall teams on Monday).	1.0	
Kristy Hornland	10/04/19	0.5 Meeting with F. Molina (PG&E), T. Sedgwick (KPMG) to run through initial draft of Collibra blueprint with focus on current content and cadence of upcoming meetings (one week until second check in, one week until final review, etc.).	0.5	
Kristy Hornland	10/04/19	0.5 Meeting with T. Sedgwick (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP, De-Identification and Collibra workstreams collectively.	0.5	
Kristy Hornland	10/04/19	0.5 Meeting with T. Sedgwick (KPMG), G. Vadathu (PG&E) to discuss action items from week ending 9/27 and next steps for G. Vadathu to follow up on the EDRS request to review the data inventory.	0.5	
Kristy Hornland	10/04/19	1.1 Updates to weekly status report based on feedback received from T. Sedgwick as of 10/4/19.	1.1	
Toby Sedgwick	10/04/19	0.5 Meeting with F. Molina (PG&E), K. Hornland (KPMG) to run through initial draft of Collibra blueprint with focus on current content and cadence of upcoming meetings (one week until second check in, one week until final review, etc.).	0.5	
Toby Sedgwick	10/04/19	0.5 Meeting with K. Hornland (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP, De-Identification and Collibra workstreams collectively;	0.5	
Toby Sedgwick	10/04/19	0.5 Meeting with G. Vadathu (PG&E), K. Hornland (KPMG) to discuss action items from week ending 9/27 and next steps for G. Vadathu to follow up on the EDRS request to review the data inventory.	0.5	
Toby Sedgwick	10/04/19	0.7 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) to introduce new solution architect to DataGuise team and discuss implementation strategies.	0.7	
Yosef Kerzner	10/04/19	0.4 Follow up communication with application owners of CCO Web to escalate to management.	0.4	
Yosef Kerzner	10/04/19	0.2 Extracted new binaries for tools; 0.2 communication regarding same with D. Gaurav (PG&E), and 0.2 replacing old ones according to meaningful naming convention.	0.6	

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Yosef Kerzner	10/04/19	1.0 Aggregated information collected from various kick-off calls with client into one large spreadsheet for use on project going forward	1.0	
Yosef Kerzner	10/04/19	1.0 Incorporated notes from previous day's meeting with DataGuise into test plan for de-identification workstream.	1.0	
Garrett Dupree	10/07/19	0.6 Meeting with T. Sedgwick, J. Conkel, G. Rich, K. Hornland (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	
Garrett Dupree	10/07/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), F. Molina (PG&E), S. Yem (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), G. Dupree (KPMG) to share updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders. Additionally, DLP infrastructure requirements were discussed to determine how many servers are needed to scan structured databases, unstructured data, and data stored in the public cloud	1.5	
Garrett Dupree	10/07/19	3.4 Revised the Symantec Security.Cloud cloud DLP design pattern capability description, business need, security requirements, feature list components to be in paragraph form with additional details for the formatted draft of the design patterns deliverable.	3.4	
Garrett Dupree	10/07/19	3.0 Created the formatted template for the cloud DLP design patterns deliverable to align with the recommended PG&E document format.	3.0	
Gary Rich	10/07/19	0.6 Meeting with T. Sedgwick, J. Conkel, K. Hornland, G. Dupree, B. Zhang (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	
Josh Conkel	10/07/19	0.6 Meeting with T. Sedgwick, G. Dupree, G. Rich, K. Hornland, B. Zhang (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	

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Josh Conkel	10/07/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), F. Molina (PG&E), S. Yem (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders. Additionally, DLP infrastructure requirements were discussed to determine how many servers are needed to scan structured databases, unstructured data, and data stored in the public cloud	1.5	
Kristy Hornland	10/07/19	0.6 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), D. Graves (PG&E), T. Sedgwick (KPMG) to discuss configuration management plan updates and next steps related to how T. Howe would be providing further comments on the version Gayathri had provided comments on.	0.6	
Kristy Hornland	10/07/19	0.6 Meeting with T. Sedgwick, J. Conkel, G. Rich, G. Dupree, B. Zhang (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	
Kristy Hornland	10/07/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), F. Molina (PG&E), K. Cook, (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), G. Rich (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to share updates and progress with DLP, De-ID, and Data Inventory workstreams with the wider team. Discussed various staging options for de-identification and resolved that further discussion was needed to share with application owners;	1.1	
Kristy Hornland	10/07/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), F. Molina (PG&E), S. Yem (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders. Additionally, DLP infrastructure requirements were discussed to determine how many servers are needed to scan structured databases, unstructured data, and data stored in the public cloud.	1.5	
Kristy Hornland	10/07/19	2.2 Review of initial Disaster Recovery (DR) plan examples.	2.2	
Michael Gomez	10/07/19	1.0 Communication to provide guidance to KPMG team on preliminary Collibra disaster recovery plan.	1.0	

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Toby Sedgwick	10/07/19	0.6 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), D. Graves (PG&E), K. Hornland (KPMG) to discuss configuration management plan updates and next steps related to how T. Howe would be providing further comments on the version Gayathri had provided comments on.	0.6	
Toby Sedgwick	10/07/19	0.6 Meeting with G. Rich, J. Conkel, K. Hornland, G. Dupree, B. Zhang (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	
Toby Sedgwick	10/07/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), F. Molina (PG&E), K. Cook, (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), G. Rich (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to share updates and progress with DLP, De-ID, and Data Inventory workstreams with the wider team. Discussed various staging options for de-identification and resolved that further discussion was needed to share with application owners;	1.1	
Toby Sedgwick	10/07/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), F. Molina (PG&E), S. Yem (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders. Additionally, DLP infrastructure requirements were discussed to determine how many servers are needed to scan structured databases, unstructured data, and data stored in the public cloud.	1.5	
Yosef Kerzner	10/07/19	0.4 Communication regarding upcoming meeting with G. Shintani (PG&E) related to integrating de-identification into new application business processes.	0.4	
Yosef Kerzner	10/07/19	0.4 Performed follow up on information request from application owners of Remittance Processing System application.	0.4	
Yosef Kerzner	10/07/19	0.5 Communication regarding next steps related to upcoming meeting with J. Medina (PG&E) about integrating data de-identification into security processes for new application onboarding.	0.5	
Yosef Kerzner	10/07/19	0.6 Meeting with G. Rich, J. Conkel, T. Sedgwick, K. Hornland, G. Dupree, B. Zhang (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams as of 10/7/19.	0.6	

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Yosef Kerzner	10/07/19	1.0 Meeting with D. Gaurav (PG&E) and C. Mattos (PG&E) to review status of Proof of Concept environment (including whether to re-use those servers or start from scratch), suggestions on how to build out the de-identification process, user role management in DataGuise and potential slowdowns to anticipate in November and December.	1.0	
Yosef Kerzner	10/07/19	1.0 Outlined different pieces of next steps to be performed this week in support of de-identification workstream to facilitate better tracking of these elements.	1.0	
Yosef Kerzner	10/07/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), F. Molina (PG&E), K. Cook, (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), T. Sedgwick (KPMG) to share updates and progress with DLP, De-ID, and Data Inventory workstreams with the wider team. Discussed various staging options for de-identification and resolved that further discussion was needed to share with application owners.	1.1	
Garrett Dupree	10/08/19	0.5 Meeting with K. Hornland, J. Conkel (KPMG) to align objectives and prepare questions for the discussion with the ERIM team on 10/9.	0.5	
Garrett Dupree	10/08/19	0.9 Performed research related to the on-premises and cloud deployment options of the Symantec Information Centric Security design pattern recommendation to incorporate into the capability description for the product as part of the design patterns deliverable.	0.9	
Garrett Dupree	10/08/19	2.8 Created the use case data flow diagram for implementing the Symantec Email Security.Cloud design pattern for incorporating into the Cloud DLP design patterns deliverable.	2.8	
Garrett Dupree	10/08/19	2.9 Created an alternate use case data flow diagram for implementing "Symantec Email Security.Cloud using Network Prevent for Email" for scanning files in the cloud instead of the CloudSOC proxy back to on-premises servers for incorporating into the cloud DLP design patterns deliverable.	2.9	
Garrett Dupree	10/08/19	3.1Continued,as of 10/8, to revise the Azure Data Loss Prevention with Office 365 cloud DLP design pattern capability description, business need, security requirements, and feature list components to be in paragraph form with additional details for the formatted draft of the design patterns deliverable.	3.1	
Gary Rich	10/08/19	Discussion with T. Sedgwick (KPMG) regarding talking points for meeting with PG&E BIA analyst.	0.4	

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Gary Rich	10/08/19	0.6 Meeting with G. Shintani (PG&E), Y. Kerzner (KPMG) to review the Business Impact Analysis process for new and existing applications with specific regards to series of previous meetings to incorporate cybersecurity triggers into the Business Impact Analysis process, which would be noted for follow-up, and lower-level environment questions that already exist in the intake process form.	0.6	
Josh Conkel	10/08/19	0.5 Meeting with K. Hornland, G. Dupree (KPMG) to align objectives and prepare questions for the discussion with the ERIM team on 10/9.	0.5	
Kristy Hornland	10/08/19	0.5 Meeting with G. Dupree, J. Conkel (KPMG) to align objectives and prepare questions for the discussion with the ERIM team on 10/9.	0.5	
Kristy Hornland	10/08/19	1.3 Created outline of upcoming goals for Collibra including the configuration management guide, assessment perspective, and DR plan.	1.3	
Kristy Hornland	10/08/19	2.0 Continue (same day) to review and concurrently populate DR template for Collibra instance in preparation for upcoming meeting with T. Sedgwick (KPMG) on 10/9.	2.0	
Kristy Hornland	10/08/19	2.2 Created outline of key items that the de-identification team still needs to obtain from application owners including how to approach unresponsive application teams - for use by G. Rich and Y. Kerzner (KPMG)	2.2	
Kristy Hornland	10/08/19	3.3 Began to populate DR template for Collibra instance in preparation for upcoming meeting with T. Sedgwick (KPMG) on 10/9.	3.3	
Toby Sedgwick	10/08/19	Discussion with G. Rich (KPMG) regarding talking points for meeting with PG&E BIA analyst.	0.4	
Yosef Kerzner	10/08/19	0.2 Performed follow up with A. Singla (DataGuse) about request for changelog between different versions of DataGuse tool.	0.2	
Yosef Kerzner	10/08/19	0.2 Follow-up email to T. Howe (PG&E) about status of contacting owners of Customer Connections Online application.	0.2	
Yosef Kerzner	10/08/19	0.3 Follow-up with G. Rich (KPMG) regarding information collected from the meeting with the Automatic Communication System application owners to be able to follow-up by sending the appropriate DataGuse technical questionnaire.	0.3	
Yosef Kerzner	10/08/19	0.3 Provided contact information of C. Mattos (PG&E) to D. Jha (DataGuse) to create an account for him on the DataGuse Customer Support Portal.	0.3	
Yosef Kerzner	10/08/19	0.4 Communication with D. Gaurav (PG&E) and J. Conkel (KPMG) about how to expedite the background process at PG&E so that access can be obtained to the Proof-of-Concept environment with the DataGuse tool that was originally built in 2018.	0.4	
Yosef Kerzner	10/08/19	Identified contacts for SAP application owners to provide to K. Hornland (KPMG) as part of a follow-up email chain.	0.4	

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Yosef Kerzner	10/08/19	0.2 Reviewed response from A. Singla (DataGuise) about request for changelog and 0.2 review the changelog provided with focus on the latest upgrades to the tool / gain additional knowledge that would be helpful as a future SME on the tool.	0.4	
Yosef Kerzner	10/08/19	0.4. Drafted email to S. Inder (DataGuise) to request information about user roles that need to be created within the DGSecure DataGuise tool, as part of identifying access requirements for the de-identification test plan.	0.4	
Yosef Kerzner	10/08/19	0.5 Draft follow-up email to application owners of Field Order Repository System application about filling out DataGuise technical details questionnaire.	0.5	
Yosef Kerzner	10/08/19	0.5 Drafted follow-up email to application owners of MHP application about filling out DataGuise technical details questionnaire (customized for this specific application based on the notes taken during the meeting).	0.5	
Yosef Kerzner	10/08/19	0.6 Discussion with D. Gaurav (PG&E) about outcome of the previous meeting with G. Shintani (PG&E) about the Business Impact Analysis process for new and existing applications.	0.6	
Yosef Kerzner	10/08/19	0.6 Discussion with D. Gaurav (PG&E) and B. Ellis (PG&E) about potential assistance that B. Ellis, part of the Cybersecurity team with J. Medina (PG&E), might be able to provide around re-architecting business processes for future state recommendations deliverable in the De-Identification workstream.	0.6	
Yosef Kerzner	10/08/19	0.6 Meeting with G. Shintani (PG&E), G. Rich (KPMG) and Y. Kerzner (KPMG) to review the Business Impact Analysis process for new and existing applications with specific regards to series of previous meetings to incorporate cybersecurity triggers into the Business Impact Analysis process, which would be noted for follow-up, and lower-level environment questions that already exist in the intake process form.	0.6	
Yosef Kerzner	10/08/19	0.8 Analyzed three potential de-identification staging environment options, including opinions of T. Howe (PG&E) as discussed during the previous day's group status meeting with regards to status of DLP, De-Identification, and Data Inventory workstreams.	0.8	
Yosef Kerzner	10/08/19	1.0 Using PowerPoint template from de-identification pilot kick-off meeting, drafted language supporting three different potential de-identification staging environment options in such a way that it would be palatable for application owners in additional future workshops with them (this would also support our ongoing efforts towards the test plan for the de-identification workstream).	1.0	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/09/19	0.5 Meeting with D. Madrid (PG&E), D. Pearson (PG&E), L. Chen (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the objectives of the Data Security Program with the Enterprise Records and Information Management team in order to facilitate conversations relative to which classifications of information are permitted to be stored within repositories respective to the PG&E internal and public cloud. This information is required for providing recommendations to the PG&E standards and policies as well as for documenting within the Collibra tool.	0.5	
Garrett Dupree	10/09/19	1.0 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), H. Harris (PG&E), K. Muppa (PG&E), K. Cook (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Ranganathan (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), and G. Dupree (KPMG) to discuss the status of the upgrade to Symantec DLP version 15.5 in production and potential applications, as well as challenges, of the Data Loss Prevention tool in identifying sensitive information located on the operational data network.	1.0	
Garrett Dupree	10/09/19	2.3 Updated the cloud DLP design patterns deliverable Symantec Web Gateway capability description, business need, and feature list to be in paragraph form with additional details around the product and how it can potentially be used to address identified gaps in PG&E data security.	2.3	
Garrett Dupree	10/09/19	2.3 Updated the Symantec Information Centric Encryption cloud DLP design pattern capability description, business need, security requirements, and feature list components to be in paragraph form with additional details for the formatted draft of the design patterns deliverable.	2.3	
Garrett Dupree	10/09/19	2.5 Update the Symantec Information Centric Tagging cloud DLP design pattern capability description, business need, security requirements, and feature list components to be in paragraph form with additional details for the formatted draft of the design patterns deliverable.	2.5	

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Name	Date	Description	Hours	Amount
Gary Rich	10/09/19	1.0 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), H. Harris (PG&E), K. Muppa (PG&E), K. Cook (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Ranganathan (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), and G. Dupree (KPMG) to discuss the status of the upgrade to Symantec DLP version 15.5 in production and potential applications, as well as challenges, of the Data Loss Prevention tool in identifying sensitive information located on the operational data network.	1.0	
Gary Rich	10/09/19	1.2 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), T. Howe (PG&E), K. Muppa (PG&E), C. Mattos (PG&E), N. Kumar (PG&E) T. Sedgwick (KPMG) to share updates and progress with DLP, De-ID, and Data Inventory workstreams with the wider team. Discussed connection issues in DLP and resolved to get a firewall engineer or even G. Dupree (KPMG) to help resolve the issue. Discussed properly framing the meeting to be held next Monday with S. Oswald (PG&E) as purely for information gathering. Discussed potential post-data de-identification templates to be provided to customers prior to completing data de-identification in production.	1.2	
Josh Conkel	10/09/19	0.5 Meeting with D. Madrid (PG&E), D. Pearson (PG&E), L. Chen (PG&E), V. McMorro (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the objectives of the Data Security Program with the Enterprise Records and Information Management team in order to facilitate conversations relative to which classifications of information are permitted to be stored within repositories respective to the PG&E internal and public cloud. This information is required for providing recommendations to the PG&E standards and policies as well as for documenting within the Collibra tool	0.5	
Josh Conkel	10/09/19	1.0 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), H. Harris (PG&E), K. Muppa (PG&E), K. Cook (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Ranganathan (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), and G. Dupree (KPMG) to discuss the status of the upgrade to Symantec DLP version 15.5 in production and potential applications, as well as challenges, of the Data Loss Prevention tool in identifying sensitive information located on the operational data network.	1.0	

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Name	Date	Description	Hours	Amount
Josh Conkel	10/09/19	2.1 Performed test data loss protection scans using the detailed data element approach on two SharePoint sites - scans completed successfully, and will be ready to use during the policy testing deliverable process for the data security project data loss prevention workstream).	2.1	
Josh Conkel	10/09/19	2.4 Performed test data loss protection scans using the detailed data element approach on six file shares; scans completed successfully, and will be ready to use during the policy testing deliverable process for the data security project data loss prevention workstream.	2.4	
Josh Conkel	10/09/19	2.8 Performed test data loss protection scans using the detailed data element approach on one personal drive file share; scan completed successfully, and will be ready to use during the policy testing deliverable process for the data security project data loss prevention workstream.	2.8	
Kristy Hornland	10/09/19	0.5 Meeting with D. Madrid (PG&E), D. Pearson (PG&E), L. Chen (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the objectives of the Data Security Program with the Enterprise Records and Information Management team in order to facilitate conversations relative to which classifications of information are permitted to be stored within repositories respective to the PG&E internal and public cloud. This information is required for providing recommendations to the PG&E standards and policies as well as for documenting within the Collibra tool.	0.5	
Kristy Hornland	10/09/19	0.5 Meeting with F. Molina (PG&E), T. Sedgwick (KPMG), and K. Hornland (KPMG) to discuss updated Collibra blueprint which included a run through of use cases for updates - in preparation for Friday review.	0.5	
Kristy Hornland	10/09/19	0.9 Meeting with T. Sedgwick (KPMG) and K. Hornland (KPMG) to walk through partially populated DR plan materials for Collibra to determine accuracy of details and who to loop in to determine additional details needed.	0.9	
Kristy Hornland	10/09/19	1.2 Reviewed information classification matrix in preparation for meeting with Bob and Jason over security controls related to various classifications of data across known repositories.	1.2	
Kristy Hornland	10/09/19	1.3 Review of DLP DR plan for reference when creating the Collibra DR plan.	1.3	
Kristy Hornland	10/09/19	2.1 Prepared for meeting with Bob and Jason by determining approach, key questions for review by management.	2.1	
Michael Gomez	10/09/19	1.0 Communication to provide guidance to the KPMG project team on preliminary de-identification disaster recovery plan	1.0	

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Toby Sedgwick	10/09/19	0.5 Meeting with D. Madrid (PG&E), D. Pearson (PG&E), L. Chen (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the objectives of the Data Security Program with the Enterprise Records and Information Management team in order to facilitate conversations relative to which classifications of information are permitted to be stored within repositories respective to the PG&E internal and public cloud. This information is required for providing recommendations to the PG&E standards and policies as well as for documenting within the Collibra tool:	0.5	
Toby Sedgwick	10/09/19	0.5 Meeting with F. Molina (PG&E), K. Hornland (KPMG) to discuss updated Collibra blueprint which included a run through of use cases for updates - in preparation for Friday review.	0.5	
Toby Sedgwick	10/09/19	0.9 Meeting with K. Hornland (KPMG) to walk through partially populated DR plan materials for Collibra to determine accuracy of details and who to loop in to determine additional details needed;	0.9	
Toby Sedgwick	10/09/19	1.0 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), H. Harris (PG&E), K. Muppa (PG&E), K. Cook (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Ranganathan (PG&E), J. Conkel (KPMG), G. Rich (KPMG), and G. Dupree (KPMG) to discuss the status of the upgrade to Symantec DLP version 15.5 in production and potential applications, as well as challenges, of the Data Loss Prevention tool in identifying sensitive information located on the operational data network.	1.0	
Toby Sedgwick	10/09/19	1.2 Meeting with G. Vadathu (PG&E), B. Spell (PG&E), S. Yem (PG&E), D. Gaurav (PG&E), T. Howe (PG&E), K. Muppa (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), G. Rich (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) to share updates and progress with DLP, De-ID, and Data Inventory workstreams with the wider team. Discussed connection issues in DLP and resolved to get a firewall engineer or even G. Dupree (KPMG) to help resolve the issue. Discussed properly framing the meeting to be held next Monday with S. Oswald (PG&E) as purely for information gathering. Discussed potential post-data de-identification templates to be provided to customers prior to completing data de-identification in production.	1.2	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/10/19	0.7 Meeting with B. Spell (PG&E), J. Green (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the classifications of information allowed within certain cloud repositories as well as the common behaviors related to the handling/storage of Confidential or Restricted information. This information is used to inform the DLP recommendations to standards and policies deliverable.	0.7	
Garrett Dupree	10/10/19	1.8 Performed research related to the PG&E Information Technology privacy policies for customer information to determine which classifications are allowed to be stored on approved forms of removable media to incorporate into the Cloud DLP design patterns.	1.8	
Garrett Dupree	10/10/19	2.2 Perform research related to the documented future roadmap for PG&E Information Technology to determine why a select few unsanctioned cloud storage services remain unblocked at the firewall level, which was used to inform the cloud DLP recommendations to PG&E standards and policies deliverable.	2.2	
Garrett Dupree	10/10/19	2.3 Compiled a list of root causes to forward to J. Conkel (KPMG) for troubleshooting the connectivity issues of the new data at rest server scanner in scanning SharePoint on-premises, which needs to be resolved for executing the tests outlined in the performance test plan to produce the test results deliverable.	2.3	
Garrett Dupree	10/10/19	2.8 Updated the Cloud DLP standards & policies matrix deliverable to include removable media storage locations and approved classifications of information for the remaining storage locations.	2.8	
Gary Rich	10/10/19	0.4 Meeting with J. Medina (PG&E), JT Pierce (PG&E), E. Payne (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) and Y. Kerzner (KPMG) to introduce the Data Security Program Office's data de-identification project and ask about integrating into existing security analysis and/or Business Impact Analysis intake form processes. E. Payne (PG&E) walked through draft process for security reviews and agreed to provide relevant documentation and workflow documents.	0.4	
Josh Conkel	10/10/19	0.7 Meeting with B. Spell (PG&E), J. Green (PG&E), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the classifications of information allowed within certain cloud repositories as well as the common behaviors related to the handling/storage of Confidential or Restricted information. This information is used to inform the DLP recommendations to standards and policies deliverable.	0.7	
Kristy Hornland	10/10/19	0.5 Follow up over blueprint with Frank for cosmetic details;	0.5	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/10/19	0.7 Meeting with B. Spell (PG&E), J. Green (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the classifications of information allowed within certain cloud repositories as well as the common behaviors related to the handling/storage of Confidential or Restricted information. This information is used to inform the DLP recommendations to standards and policies deliverable.	0.7	
Kristy Hornland	10/10/19	2.1 Reviewed current blueprint provided by Frank and updated cosmetic errors for review tomorrow	2.1	
Kristy Hornland	10/10/19	2.3 Updating weekly status report for week of 10/7 for Colibra details.	1.6	
Toby Sedgwick	10/10/19	0.6 Discussion with Y. Kerzner (KPMG) regarding next steps for De-Identification workstream as of 10/10/19.	0.6	
Yosef Kerzner	10/10/19	0.2 Followed-up on email to S. Inder (DataGuise) to request information regarding user roles that need to be created within the DGSecure DataGuise tool, as part of identifying access requirements for the de-identification test plan.	0.2	
Yosef Kerzner	10/10/19	0.3 Followed-up via email with SAP application owners regarding outstanding items.	0.3	
Yosef Kerzner	10/10/19	0.4 Meeting with J. Medina (PG&E), JT Pierce (PG&E), E. Payne (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) and Y. Kerzner (KPMG) to introduce the Data Security Program Office's data de-identification project and ask about integrating into existing security analysis and/or Business Impact Analysis intake form processes. E. Payne (PG&E) walked through draft process for security reviews and agreed to provide relevant documentation and workflow documents.	0.4	
Yosef Kerzner	10/10/19	0.5 Drafted notes stemming from meeting with Cybersecurity team about integrating into the draft process for security reviews and 0.1 draft email to send copy of same to T. Sedgwick (KPMG) and G. Rich (KPMG).	0.6	
Yosef Kerzner	10/10/19	0.6 Discussion with D. Gaurav (PG&E) about meeting concerning DataGuise, on which he was not included, as well as various other updates concerning de-identification workstream and progress on infrastructure build-out.	0.6	
Yosef Kerzner	10/10/19	0.6 Discussion with T. Sedgwick (KPMG) and Y. Kerzner (KPMG) regarding next steps for De-Identification workstream as of 10/10/19.	0.6	
Garrett Dupree	10/11/19	Prepared data loss prevention (DLP) weekly accomplishments, goals for next week, and documented the mitigation plans for current issues / risks at the request of G. Vadathu (PG&E)	1.1	
Garrett Dupree	10/11/19	1.3 Drafted the revised capability description for Azure Information Protection to incorporate into the Cloud DLP design patterns deliverable.	1.3	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/11/19	1.3 Drafted the revised capability description for Azure Rights Management System to incorporate into the Cloud DLP design patterns deliverable.	1.3	
Gary Rich	10/11/19	0.6 Meeting with G. Rich (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG) to review weekly progress for de-identification workstream, including additional work performed for the run-guide and the test plan.	0.6	
Gary Rich	10/11/19	2.3 Reviewed and concurrently updated options list for scanning structured repositories in lower level environments; this list will be socialized with application owners to identify optimal scanning / masking solution.	2.3	
Josh Conkel	10/11/19	2.1 Developed template for design pattern documentation required for the data loss prevention workstream deliverable with sections related to use cases, business requirements, high level solution architecture, regulatory requirements, and control framework mappings.	2.1	
Josh Conkel	10/11/19	3.2 Analyzed system requirements for the implementation of Symantec Web Protect for Data Loss Prevention at PG&E; this information will be used for the design pattern deliverables portion of the data loss prevention workstream.	3.2	
Kristy Hornland	10/11/19	0.5 Communication with G. Dupree (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream for communication to PG&E	0.5	
Kristy Hornland	10/11/19	0.5 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), F. Molina (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG) to review current Collibra blueprint as of 10/11/19.	0.5	
Kristy Hornland	10/11/19	0.5 Follow-up with Y. Kerzner , G. Rich (KPMG) to update weekly status report in regards to this week's accomplishments, next steps, key decisions, issues, risks, and open action items for De-Identification workstream.	0.5	
Kristy Hornland	10/11/19	0.6 Meeting with G. Rich (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG) to review weekly progress for de-identification workstream, including additional work performed for the run-guide and the test plan.	0.6	
Kristy Hornland	10/11/19	Performed run through Collibra training materials with focus on configuration readiness.	2.6	
Toby Sedgwick	10/11/19	0.5 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), F. Molina (PG&E), K. Hornland (KPMG) to review current Collibra blueprint as of 10/11/19.	0.5	
Yosef Kerzner	10/11/19	0.2 Drafted email to K. Hornland (KPMG) with requests regarding items to be discussed during the upcoming status meeting on Monday, October 14, 2019.	0.2	
Yosef Kerzner	10/11/19	0.3 Drafted email to G. Rich (KPMG) to provide copies of email communication received on the PG&E side for his review.	0.3	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/11/19	0.4 Drafted email to send to J. Peters (DataGuise) regarding contact information for myself and G. Rich (KPMG) for account creation on the Customer Support Portal.	0.4	
Yosef Kerzner	10/11/19	0.5 Correspondence with C. Mattos (PG&E) via email about potential dates when the DGSecure DataGuise tool would be ready for installation and next steps related to configuration of new servers.	0.5	
Yosef Kerzner	10/11/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Vadathu (PG&E), D. Jha (DataGuise), J. Peters (DataGuise), S. Inder (DataGuise) and D. Boda (DataGuise) to discuss DataGuise configuration status and of 10/11/19; resolved to complete a number of follow-up items.	0.6	
Yosef Kerzner	10/11/19	0.6 Meeting with G. Rich (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG) to review weekly progress for de-identification workstream, including additional work performed for the run-guide and the test plan.	0.6	
Yosef Kerzner	10/11/19	0.7 Meeting with D. Gaurav (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), S. Yem (PG&E) to discuss access groups and sets of permissions needed for the upcoming DataGuise installation and future continued DataGuise tool support.	0.7	
Garrett Dupree	10/14/19	0.7 Meeting with D. Madrid (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss which storage locations within the PG&E internal and public cloud are approved for storing records, which is used to inform the recommended revisions to PG&E standards and policies deliverable.	0.7	
Garrett Dupree	10/14/19	0.9 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.	0.9	
Garrett Dupree	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG) to share updates / planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.	1.1	

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Garrett Dupree	10/14/19	2.8 Updated the Cloud DLP design patterns deliverable to include capability description sections for Symantec Network Prevent for Web using proxySG and Symantec Network Monitor after confirmation was received from Symantec that Network Prevent for Web could not be used with the existing content inspection features of the Palo Alto firewalls.	2.8	
Garrett Dupree	10/14/19	3.3 Updated the Cloud DLP design patterns deliverable to include the full feature list for Azure Information Protection as well as the Rights Management Service (this feature list takes into account the capabilities that can be put in place given the current PG&E environment, so each listed feature of the product needed to be verified for its ability to successfully integrate with the various Data Loss Prevention tools in place).	3.3	
Gary Rich	10/14/19	0.8 Meeting with G. Rich (KPMG) and K. Hornland (KPMG) to review Disaster Recovery process for de-identification efforts.	0.8	
Gary Rich	10/14/19	0.9 Meeting with T. Sedgwick (KPMG), J. Conkel, K. Hornland, G. Dupree (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.	0.9	
Gary Rich	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates / planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.	1.1	
Josh Conkel	10/14/19	0.9 Meeting with T. Sedgwick (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.	0.9	
Josh Conkel	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates / planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.	1.1	
Kristy Hornland	10/14/19	0.8 Meeting with G. Rich (KPMG) and K. Hornland (KPMG) to review Disaster Recovery process for de-identification efforts.	0.8	

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Kristy Hornland	10/14/19	0.5 Meeting to review Collibra - DR Plan with F. Molina (PG&E) to determine items team could leverage from prior work performed by F. Molina.	0.5	
Kristy Hornland	10/14/19	0.6 Reviewing existing ERIM Matrix materials	0.6	
Kristy Hornland	10/14/19	0.7 Meeting with D. Madrid (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss which storage locations within the PG&E internal and public cloud are approved for storing records, which is used to inform the recommended revisions to PG&E standards and policies deliverable.	0.7	
Kristy Hornland	10/14/19	0.9 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.	0.9	
Kristy Hornland	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates / planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.	1.1	
Kristy Hornland	10/14/19	3.2 Performed Senior Associate review and concurrently updating draft configuration management plan based on feedback from Gayathri.	3.2	
Michael Gomez	10/14/19	1.0 Meeting with T. Sedgwick (KPMG) and M. Gomez (KPMG) to discuss unstructured data placement assessment and processes to establish whitelisted/blacklisted repositories and required materials to socialize	1.0	
Toby Sedgwick	10/14/19	0.5 Drafted email to project team documenting recommended updates to data placement assessment based on results of meeting with T. Howe (PG&E)	0.5	
Toby Sedgwick	10/14/19	0.7 Meeting with D. Madrid (PG&E), V. McMorrow (PG&E), T. Howe (PG&E), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss which storage locations within the PG&E internal and public cloud are approved for storing records, which is used to inform the recommended revisions to PG&E standards and policies deliverable.	0.7	
Toby Sedgwick	10/14/19	0.8 Meeting with T. Howe (PG&E) to review initial outline of data placement assessment	0.8	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/14/19	0.9 Meeting with J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.	0.9	
Toby Sedgwick	10/14/19	1.0 Meeting with M. Gomez (KPMG) to discuss unstructured data placement assessment and processes to establish whitelisted/blacklisted repositories and required materials to socialize	1.0	
Toby Sedgwick	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to share updates / planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.	1.1	
Toby Sedgwick	10/14/19	Reviewed initial data placement assessment and concurrently provided written feedback to K. Hornland (KPMG) and G. Dupree (KPMG).	1.2	
Garrett Dupree	10/15/19	2.9 Created another version of the Symantec Email Security.Cloud network diagram (that relies on Network Prevent for Email rather than the CloudSOC Cloud Access Security Broker) - to incorporate into the cloud DLP design patterns deliverable.	2.9	
Garrett Dupree	10/15/19	3.1 Created a network diagram to include with the cloud DLP design patterns deliverable that illustrates how Symantec Email Security.Cloud could potentially be integrated with the PG&E environment.	3.1	
Josh Conkel	10/15/19	1.8 Manager review of Collibra product documentation (1.8).	1.8	
Josh Conkel	10/15/19	Continue (from earlier in the day) to analyze requirements to be able to import external data into Collibra by programmatic methods. This included Collibra University training courses regarding system administration and application programming interface programming	2.5	
Josh Conkel	10/15/19	Analyzed requirements to be able to import external data into Collibra by programmatic methods. This included Collibra University training courses regarding system administration and application programming interface programming	3.5	
Kristy Hornland	10/15/19	0.5 Meeting with T. Sedgwick (KPMG) to discuss data classification and controls matrix to pose to Tyler further.	0.5	
Kristy Hornland	10/15/19	3.1 Updated the configuration management plan based on feedback from T. Sedgwick (KPMG),concurrently documenting back up of configurations	3.1	

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Kristy Hornland	10/15/19	3.2 Performed research regarding options to back up configurations of Collibra rather than a full data back up	3.2	
Michael Gomez	10/15/19	Partner review of most recent version of de-identification test plans.	0.7	
Michael Gomez	10/15/19	Meeting with PG&E Program Manager (S. Rai) to provide update on engagement financials and to discuss plan for 2020 activities in relations to CCPA requirements	0.8	
Toby Sedgwick	10/15/19	0.5 Meeting with G. Dupree (KPMG), J. Conkel (KPMG), and K. Hornland (KPMG) to discuss data classification and controls matrix to pose to Tyler further;	0.5	
Gary Rich	10/16/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), D. Graves (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), J. Conkel (KPMG) and Y. Kerzner (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams as of 10/16/19; participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	
Josh Conkel	10/16/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), D. Gaurav (PG&E), A. Khan (DataGuise), S. Collie (DataGuise), S. Leizerov (DataGuise), J. Emmons (DataGuise), B. Pastore (DataGuise), T. Sedgwick (KPMG), Y. Kerzner (KPMG) for a vendor demo of the DataGuise Privacy module with follow up discussion on capabilities and potential usage for PG&E.	1.1	
Josh Conkel	10/16/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), D. Graves (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), J. Conkel (KPMG) and Y. Kerzner (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams as of 10/16/19; participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	
Josh Conkel	10/16/19	2.1 Reviewed Symantec data loss prevention configuration options requiring reconfiguration after the 15.5 version upgrade was performed.	2.1	
Kristy Hornland	10/16/19	0.5 Follow-up with T. Howe (PG&E) to review draft configuration management plan and solution blueprint follow up.	0.5	
Kristy Hornland	10/16/19	0.9 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), F. Molina (PG&E), T. Sedgwick (KPMG) and K. Hornland (KPMG) to discuss the solution blueprint draft.	0.9	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/16/19	1.2 Communication with Collibra vendor contacts to determine next steps to technically onboard Collibra (with the next two weeks).	1.2	
Kristy Hornland	10/16/19	1.3 Performed updates to the configuration management plan to include import process when configuring Collibra DGC.	1.3	
Kristy Hornland	10/16/19	2.1 Review of technical onboarding documentation to determine white glove services needed for onboarding of Collibra.	2.1	
Kristy Hornland	10/16/19	3.4 Continued, from earlier on 10/16, to update the configuration management plan to include import process when configuring Collibra DGC.	3.4	
Michael Gomez	10/16/19	Discussed DataGuise privacy module capabilities and methods to leverage existing DataGuise de-identification infrastructure to meet needs.	0.5	
Toby Sedgwick	10/16/19	0.9 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), F. Molina (PG&E), K. Hornland (KPMG) to discuss the solution blueprint draft.	0.9	
Toby Sedgwick	10/16/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), D. Gaurav (PG&E), A. Khan (DataGuise), S. Collie (DataGuise), S. Leizerov (DataGuise), J. Emmons (DataGuise), B. Pastore (DataGuise), J. Conkel (KPMG), Y. Kerzner (KPMG) for a vendor demo of the DataGuise Privacy module with follow up discussion on capabilities and potential usage for PG&E.	1.1	
Toby Sedgwick	10/16/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), D. Graves (PG&E), G. Rich (KPMG), J. Conkel (KPMG) and Y. Kerzner (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams as of 10/16/19; participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	
Yosef Kerzner	10/16/19	Communication with G. Rich (KPMG) regarding tasks to be performed in the upcoming week, with special focus on Runbook and Test Cases deliverable.	0.1	
Yosef Kerzner	10/16/19	1.1 Meeting with S. Yem (PG&E), T. Howe (PG&E), D. Gaurav (PG&E), A. Khan (DataGuise), S. Collie (DataGuise), S. Leizerov (DataGuise), J. Emmons (DataGuise), B. Pastore (DataGuise), T. Sedgwick (KPMG), J. Conkel (KPMG), Y. Kerzner (KPMG) for a vendor demo of the DataGuise Privacy module with follow up discussion on capabilities and potential usage for PG&E.	1.1	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/16/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), D. Graves (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), J. Conkel (KPMG) and Y. Kerzner (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams as of 10/16/19; participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	
Garrett Dupree	10/17/19	0.5 Meeting with K. Hornland (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/17.	0.5	
Garrett Dupree	10/17/19	2.7 Created a network diagram to include with the cloud DLP design patterns deliverable that illustrates how Azure Data Loss Prevention for on-premises storage can integrate with the current PG&E environment to run discovery scans on the network as well as the managed endpoints	2.7	
Garrett Dupree	10/17/19	2.7 Updated the cloud DLP design patterns deliverable to include reference numbers for each data flow arrow denoted in the Symantec Email Security.Cloud as well as related brief descriptions detailing the process flow for data in motion.	2.7	
Garrett Dupree	10/17/19	2.6 Created a network diagram to include with the cloud DLP design patterns deliverable that illustrates how Azure Data Loss Prevention for Office 365 can integrate with Microsoft Exchange (and accompanying cloud storage applications to address known data loss use cases) - for incorporating into the cloud DLP design patterns deliverable.	2.6	
Gary Rich	10/17/19	0.8 Meeting with T. Sedgwick (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss draft of potential staging options and different options that would be more palatable to application owners; the team resolved to incorporate updated options as diagrams into presentation for PG&E team members to be discussed the next day.	0.8	
Gary Rich	10/17/19	3.2 Developed application connection options with regards to de-identification efforts	3.0	
Josh Conkel	10/17/19	2.5 Continued (from 10/16) to review Symantec data loss prevention configuration options requiring reconfiguration after the 15.5 version upgrade was performed.	2.5	
Josh Conkel	10/17/19	3.3 Analyzed capabilities of the Collibra data governance product to be accessed by external application programming interface calls; this capability may benefit the project by allowing other systems to access the data within the Collibra platform by programmatic methods.	3.3	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/17/19	0.5 Meeting with G. Dupree (KPMG) and K. Hornland (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/17.	0.5	
Kristy Hornland	10/17/19	0.5 Meeting with T. Howe (PG&E), T. Sedgwick (KPMG), F. Molina (PG&E) to review configuration management plan based on Gayathri's feedback. Team will update stakeholder sections and submit through EDRS.	0.5	
Kristy Hornland	10/17/19	0.4 Meeting with K. Hornland (KPMG) and K. Hornland (KPMG) to review status of de-identification workstream progress as of 10/17 and outstanding items requiring follow-up from the previous week.	0.4	
Kristy Hornland	10/17/19	1.3 Performed follow up with PG&E Colibra team related to technical onboarding sessions.	1.3	
Toby Sedgwick	10/17/19	0.5 Meeting with T. Howe (PG&E), F. Molina (PG&E), K. Hornland (KPMG) to review configuration management plan based on Gayathri's feedback. Team will update stakeholder sections and submit through EDRS.	0.5	
Toby Sedgwick	10/17/19	0.5 Participated in daily standup meeting with G. Vadathu (PG&E), T. Howe (PG&E) to discuss project risks and issues as of 10/17/19	0.5	
Toby Sedgwick	10/17/19	0.8 Meeting with G. Rich (KPMG), Y. Kerzner (KPMG) to discuss draft of potential staging options and different options that would be more palatable to application owners; the team resolved to incorporate updated options as diagrams into presentation for PG&E team members to be discussed the next day.	0.8	
Yosef Kerzner	10/17/19	0.2 Updated SharePoint to include tasks to be performed for project for week ending 10/15.	0.2	
Yosef Kerzner	10/17/19	0.5 Incorporated elements of test cases created for the PoC project from 2018 into the draft deliverable test cases for the 2019 pilot.	0.5	
Yosef Kerzner	10/17/19	0.4 Meeting with K. Hornland (KPMG) and K. Hornland (KPMG) to review status of de-identification workstream progress as of 10/17 and outstanding items requiring follow-up from the previous week.	0.4	
Yosef Kerzner	10/17/19	0.6 Meeting with D. Gaurav (PG&E) to discuss various items including D. Gaurav's (PG&E) request for a task-tracking spreadsheet to be shared on the SharePoint folder.	0.6	
Yosef Kerzner	10/17/19	0.8 Meeting with T. Sedgwick (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) to discuss draft of potential staging options and different options that would be more palatable to application owners; the team resolved to incorporate updated options as diagrams into presentation for PG&E team members to be discussed the next day.	0.8	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/17/19	1.0 Drafting spreadsheet with current tasks per request of D. Gaurav (PG&E) to be updated on a regular basis, to provide visibility into workload.	1.0	
Yosef Kerzner	10/17/19	3.0 Using Data Loss Prevention template as a guide, began adjusting Run guide for de-identification while concurrently adding related elements to the document.	3.0	
Garrett Dupree	10/18/19	1.0 Compiled DLP weekly accomplishments as of 10/18, goals for next week, and the mitigation plans for current issues and risks at the request of G. Vadathu (PG&E).	1.0	
Garrett Dupree	10/18/19	2.2 Updated the Cloud DLP design patterns deliverable Azure DLP network diagram to include reference numbers / descriptions detailing the data flows for data in motion relative to implementing Azure DLP.	2.2	
Garrett Dupree	10/18/19	2.5 Updated the cloud DLP design patterns deliverable network diagrams to include in-diagram notes detailing potential enhancements to the recommended capabilities that could integrate with deploying additional DLP scanning servers in the cloud (which would eliminate the need to route file contents back on-premises before delivery).	2.5	
Garrett Dupree	10/18/19	2.9 Created a network diagram to include with the Cloud DLP design patterns deliverable that illustrates how Azure Information Protection can integrate with the PG&E environment to address known data loss use cases across on-premises storage locations as well as endpoint local drives using file tagging / information labeling features.	2.9	
Gary Rich	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), and Y. Kerzner (KPMG) to further discuss potential staging options for de-identification application owners including future responsibilities and process improvements for the de-identification tool management and upcoming schedule for socializing the staging options with T. Howe (PG&E) and application owners.	0.6	
Gary Rich	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Vadathu (PG&E), D. Jha (DataGuise), J. Peters (DataGuise), S. Inder (DataGuise), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to review draft of staging options document that will eventually be provided to application owners for review, as well as improvements to messaging and clarity, especially on two similar options.	0.6	
Gary Rich	10/18/19	Made additional updates to Application connection power point based on results of meetings / feedback that was received on 10/18.	0.6	
Gary Rich	10/18/19	1.2 Manager review of initial draft of DataGuise technical run guide developed by Y. Kerzner (KPMG)	1.2	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/18/19	0.5 Meeting with F. Molina (PG&E), M. Ramirez (PG&E), H. Harris (PG&E), G. Vadathu (PG&E), T. Sedgwick (KPMG) to review and concurrently discuss solution blueprint before submission for EDRS.	0.5	
Kristy Hornland	10/18/19	1.6 Updates to project weekly status report based on feedback received from team as of 10/18/19 for ultimate communication to client	1.6	
Toby Sedgwick	10/18/19	0.4 Meeting with Y. Kerzner (KPMG) to discuss next steps, follow-up required related to various tasks for the de-identification workstreams, and items to be discussed in upcoming meetings (over the next two weeks).	0.4	
Toby Sedgwick	10/18/19	0.5 Meeting with F. Molina (PG&E), M. Ramirez (PG&E), H. Harris (PG&E), G. Vadathu (PG&E), K. Hornland (KPMG), T. Sedgwick (KPMG) to review and concurrently discuss solution blueprint before submission for EDRS.	0.5	
Toby Sedgwick	10/18/19	0.5 Participated in daily standup meeting with G. Vadathu (PG&E) and T. Howe (PG&E) to discuss project updates, risks and issues as of 10/18/19.	0.5	
Toby Sedgwick	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) to further discuss potential staging options for de-identification application owners including future responsibilities and process improvements for the de-identification tool management and upcoming schedule for socializing the staging options with T. Howe (PG&E) and application owners.	0.6	
Toby Sedgwick	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Vadathu (PG&E), D. Jha (DataGuse), J. Peters (DataGuse), S. Inder (DataGuse), G. Rich (KPMG), Y. Kerzner (KPMG) to review draft of staging options document that will eventually be provided to application owners for review, as well as improvements to messaging and clarity, especially on two similar options.	0.6	
Yosef Kerzner	10/18/19	0.1 Draft email to send Run guide draft to G. Rich (KPMG) for comments.	0.1	
Yosef Kerzner	10/18/19	0.3 Discussion with G. Rich (KPMG) and Y. Kerzner (KPMG) to determine specific meanings for one of the staging options in the document to be presented in an upcoming meeting.	0.4	
Yosef Kerzner	10/18/19	0.4 Meeting with T. Sedgwick (KPMG) and Y. Kerzner (KPMG) to discuss next steps, follow-up required related to various tasks for the de-identification workstreams, and items to be discussed in upcoming meetings (over the next two weeks).	0.4	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), and Y. Kerzner (KPMG) to further discuss potential staging options for de-identification application owners including future responsibilities and process improvements for the de-identification tool management and upcoming schedule for socializing the staging options with T. Howe (PG&E) and application owners.	0.6	
Yosef Kerzner	10/18/19	0.6 Meeting with D. Gaurav (PG&E), C. Mattos (PG&E), G. Vadathu (PG&E), D. Jha (DataGuise), J. Peters (DataGuise), S. Inder (DataGuise), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to review draft of staging options document that will eventually be provided to application owners for review, as well as improvements to messaging and claritv. especiallv on two similar options.	0.6	
Yosef Kerzner	10/18/19	0.0 Updated task tracker to reflect instructions / guidance received from T. Sedgwick (KPMG), concurrently performed analysis to determine next project management steps.	0.8	
Yosef Kerzner	10/18/19	3.5 Additional adjustments to the Run guide per direction from T. Sedgwick (KPMG), including drafting a high-level overview outline based on the expected next steps.	3.5	
Garrett Dupree	10/21/19	0.5 Meeting with G. Dupree (KPMG), T. Sedgwick (KPMG), K. Hornland (KPMG) to discuss unstructured and cloud data whitelisting storage locations	0.5	
Garrett Dupree	10/21/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly action items and deliverable statuses related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams. T. Sedgwick, J. Conkel (KPMG) shared tasks-in-motion related to Data Loss Prevention. G. Rich (KPMG) shared the tasks-in-motion related to the De-Identification effort. K. Hornland(KPMG) shared the tasks-in-motion related to the Data Inventory effort. B. Zhang (KPMG) shared the tasks-in-motion related to the CCPA effort.	0.6	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick, J. Conkel , G. Rich, K. Hornland (KPMG)to discuss updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. T. Sedgwick (KPMG) and K. Hornland (KPMG) discussed the tasks-in-motion and deliverable statuses for the Data Inventory work stream. J. Conkel (KPMG) and G. Dupree (KPMG) discussed the tasks-in-motion and pending risks for the Data Loss Prevention work stream. G. Rich (KPMG) discussed the tasks-in-motion and meetings scheduled for the week related to the De-Identification work stream. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	
Garrett Dupree	10/21/19	1.6 Meeting with T. Sedgwick, J. Conkel (KPMG) to review the initial draft of the Cloud Data Loss Prevention Design Patterns deliverable before reviewing with additional project stakeholders.	1.6	
Garrett Dupree	10/21/19	2.7 Updated the cloud DLP design patterns deliverable business need, security requirements, and external drivers sections to include data classification specifics as well as additional privacy regulations for the Email, Tagging, and Encryption solutions - per recommendations from T. Sedgwick (KPMG).	2.7	
Garrett Dupree	10/21/19	3.1 Perform research related to the system requirements for implementing Symantec Information Centric Tagging for on-premises file systems (specifically network attached storage and SharePoint) to incorporate into the cloud DLP design patterns deliverable.	3.1	
Gary Rich	10/21/19	0.6 Meeting with D. Gaurav (PG&E) to review draft security controls checklist provided by members of PG&E Cybersecurity team.	0.6	
Gary Rich	10/21/19	0.6 Meeting with G. Vadathu (PG&E), T. Howe (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E) to further review potential staging options for de-identification application owners. Reviewed future responsibilities and process improvements for the de-identification tool management and discussed upcoming schedule for socializing the staging options with application owners.	0.6	

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Name	Date	Description	Hours	Amount
Gary Rich	10/21/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland, G. Dupree (KPMG) to discuss the weekly action items and deliverable statuses related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams. T. Sedgwick (KPMG), J. Conkel (KPMG), and G. Dupree (KPMG) shared tasks-in-motion related to Data Loss Prevention. G. Rich (KPMG) shared the tasks-in-motion related to the De-Identification effort. K. Hornland (KPMG) shared the tasks-in-motion related to the Data Inventory effort. B. Zhang (KPMG) shared the tasks-in-motion related to the CCPA effort.	0.6	
Gary Rich	10/21/19	1.1 Developed list of additional questions for security checklist to be reviewed by PG&E security team	1.1	
Gary Rich	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. T. Sedgwick (KPMG) and K. Hornland (KPMG) discussed the tasks-in-motion and deliverable statuses for the Data Inventory work stream. J. Conkel (KPMG) and G. Dupree (KPMG) discussed the tasks-in-motion and pending risks for the Data Loss Prevention work stream. G. Rich (KPMG) discussed the tasks-in-motion and meetings scheduled for the week related to the De-Identification work stream. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	
Josh Conkel	10/21/19	0.5 Meeting with J. Conkel (KPMG), T. Sedgwick (KPMG) and C. Mattos (PG&E) to review the DLP architecture documentation and provide updated environment information.	0.5	

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Name	Date	Description	Hours	Amount
Josh Conkel	10/21/19	0.6 Meeting with T. Sedgwick (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly action items and deliverable statuses related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams. T. Sedgwick, G. Dupree (KPMG) shared tasks-in-motion related to Data Loss Prevention. G. Rich (KPMG) shared the tasks-in-motion related to the De-Identification effort. K. Hornland(KPMG) shared the tasks-in-motion related to the Data Inventory effort. B. Zhang (KPMG) shared the tasks-in-motion related to the CCPA effort.	0.6	
Josh Conkel	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. T. Sedgwick (KPMG) and K. Hornland (KPMG) discussed the tasks-in-motion and deliverable statuses for the Data Inventory work stream. J. Conkel (KPMG) and G. Dupree (KPMG) discussed the tasks-in-motion and pending risks for the Data Loss Prevention work stream. G. Rich (KPMG) discussed the tasks-in-motion and meetings scheduled for the week related to the De-Identification work stream. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	
Josh Conkel	10/21/19	1.6 Meeting with T. Sedgwick, G. Dupree (KPMG) to review the initial draft of the Cloud Data Loss Prevention Design Patterns deliverable before reviewing with additional project stakeholders.	1.6	
Kristy Hornland	10/21/19	0.5 Meeting with F. Molina (PG&E) to review and concurrently discuss the DR plan outline.	0.5	
Kristy Hornland	10/21/19	0.5 Meeting with G. Dupree (KPMG), T. Sedgwick (KPMG), K. Hornland (KPMG) to discuss unstructured and cloud data whitelisting storage locations	0.5	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/21/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly action items and deliverable statuses related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams. T. Sedgwick (KPMG), J. Conkel (KPMG), and G. Dupree (KPMG) shared tasks-in-motion related to Data Loss Prevention. G. Rich (KPMG) shared the tasks-in-motion related to the De-Identification effort. K. Hornland(KPMG) shared the tasks-in-motion related to the Data Inventory effort. B. Zhang (KPMG) shared the tasks-in-motion related to the CCPA effort.	0.6	
Kristy Hornland	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. T. Sedgwick (KPMG) and K. Hornland (KPMG) discussed the tasks-in-motion and deliverable statuses for the Data Inventory work stream. J. Conkel (KPMG) and G. Dupree (KPMG) discussed the tasks-in-motion and pending risks for the Data Loss Prevention work stream. G. Rich (KPMG) discussed the tasks-in-motion and meetings scheduled for the week related to the De-Identification work stream. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	
Kristy Hornland	10/21/19	2.0 Continued, from same day, to update the DR plan - based on comments provided from F. Molina (PG&E).	2.0	
Kristy Hornland	10/21/19	3.1 Began to update the DR plan based on comments provided from F. Molina (PG&E).	3.1	
Michael Gomez	10/21/19	Principal review of Data Loss Prevention Design Patterns	1.0	
Toby Sedgwick	10/21/19	0.5 Meeting with G. Dupree (KPMG), K. Hornland (KPMG) to discuss unstructured and cloud data whitelisting storage locations	0.5	
Toby Sedgwick	10/21/19	0.5 Meeting with J. Conkel (KPMG), C. Mattos (PG&E) to review the DLP architecture documentation and provide updated environment information.	0.5	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/21/19	0.6 Meeting with J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss the weekly action items and deliverable statuses related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams. J. Conkel, G. Dupree (KPMG) shared tasks-in-motion related to Data Loss Prevention. G. Rich (KPMG) shared the tasks-in-motion related to the De-Identification effort. K. Hornland (KPMG) shared the tasks-in-motion related to the Data Inventory effort. B. Zhang (KPMG) shared the tasks-in-motion related to the CCPA effort.	0.6	
Toby Sedgwick	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), J. Conkel (KPMG), G. Rich (KPMG), K. Hornland (KPMG), B. Zhang (KPMG), and G. Dupree (KPMG) to discuss updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. K. Hornland (KPMG) discussed the tasks-in-motion and deliverable statuses for the Data Inventory work stream. J. Conkel (KPMG) and G. Dupree (KPMG) discussed the tasks-in-motion and pending risks for the Data Loss Prevention work stream. G. Rich (KPMG) discussed the tasks-in-motion and meetings scheduled for the week related to the De-Identification work stream. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	
Toby Sedgwick	10/21/19	1.6 Meeting with J. Conkel, G. Dupree (KPMG) to review the initial draft of the Cloud Data Loss Prevention Design Patterns deliverable before reviewing with additional project stakeholders.	1.6	
Toby Sedgwick	10/21/19	2.7 Updated the cloud DLP design patterns deliverable business need, security requirements, and external drivers sections to includedata classification specifics and additional privacy regulations for the Email, Tagging, and Encryption solutions	2.7	
Garrett Dupree	10/22/19	2.8 Performed research related to the integration patterns for combining the functionalities of Symantec DLP with Symantec Information Centric Tagging & Encryption for managed endpoint devices to include in the cloud DLP design patterns	2.8	
Garrett Dupree	10/22/19	2.9 Create a network diagram for implementing the proposed Symantec Information Centric Encryption solution with on-premises file systems for the cloud DLP design patterns deliverable.	2.9	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/22/19	3.2 Created a network diagram for implementing the proposed Symantec Information Centric Tagging solution with on-premises file systems for the cloud DLP design patterns deliverable.	3.2	
Gary Rich	10/22/19	0.6 Meeting with D. Gaurav (PG&E) to review draft security controls checklist provided by members of PG&E Cybersecurity team.	0.6	
Gary Rich	10/22/19	3.1 Updated the staging option slide deck based on feedback received from T. Howe (PG&E) and G. Vadathu (PG&E) as of 10/22/19.	3.1	
Josh Conkel	10/22/19	2.1 Began mapping of port requirements for submission in the SecureApp firewall rule request system	2.1	
Josh Conkel	10/22/19	3.1 Reviewed and analyzed network port configurations for operations of the Symantec data loss prevention system	3.1	
Kristy Hornland	10/22/19	0.5 Meeting with R. Delozier (PG&E), K. Hornland (KPMG), T. Sedgwick (KPMG) to discuss Collibra background.	0.5	
Kristy Hornland	10/22/19	1.0 Continued, from earlier on 10/22, updating the Disaster Recovery plan with additional information	1.0	
Kristy Hornland	10/22/19	3.2 Continued, as of 10/22, updating the Disaster Recovery plan with additional information	3.2	
Kristy Hornland	10/22/19	3.4 Review of Collibra University course around the Collibra console.	3.4	
Toby Sedgwick	10/22/19	0.5 Meeting with R. Delozier (PG&E), K. Hornland (KPMG), T. Sedgwick (KPMG) to discuss Collibra background.	0.5	
Toby Sedgwick	10/22/19	0.5 Meeting with R. Delozier (PG&E), K. Hornland (KPMG), T. Sedgwick (KPMG) to discuss Collibra background	0.5	
Garrett Dupree	10/23/19	Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), M. Ramirez (PG&E), D. Graves (PG&E), N. Kumar (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), J. Conkel (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) - partial attendance and B. Zhang (KPMG), to discuss updates to Data Loss Prevention Expansion and De-Identification workstreams. T. Sedgwick (KPMG) led questions on both workstreams, G. Rich (KPMG) provided specific updates for the De-Identification workstream with support from Y. Kerzner (KPMG), J. Conkel (KPMG) facilitated the Data Loss Prevention workstream discussion with primary support from G. Dupree (KPMG) and B. Zhang (KPMG) (who is providing California Consumer Privacy Act support for the Data Loss Prevention workstream).	1.1	
Garrett Dupree	10/23/19	2.8 Updated the Information Centric Encryption network diagram to include design patterns for integrating the system with managed endpoints via the DLP endpoint discover servers deployed on-premises.	2.8	

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Name	Date	Description	Hours	Amount
Garrett Dupree	10/23/19	2.8 Updates to the Information Centric Tagging network diagram to include design patterns for integrating the system with managed endpoints via the DLP endpoint discover servers deployed on-premises.	2.8	
Garrett Dupree	10/23/19	3.2 Created network diagrams for the on-premises key store virtual appliances needed for the Information Centric Encryption solution for the cloud DLP design patterns deliverable.	3.2	
Gary Rich	10/23/19	Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), M. Ramirez (PG&E), D. Graves (PG&E), N. Kumar (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) - partial attendance , to discuss updates to Data Loss Prevention Expansion and De-Identification workstreams. T. Sedgwick (KPMG) led questions on both workstreams, G. Rich (KPMG) provided specific updates for the De-Identification workstream with support from Y. Kerzner (KPMG), J. Conkel (KPMG) facilitated the Data Loss Prevention workstream discussion with primary support from G. Dupree (KPMG) and B. Zhang (KPMG) (who is providing California Consumer Privacy Act support for the Data Loss Prevention workstream).	1.1	
Gary Rich	10/23/19	1.7 Continued, as of 10/23 to develop test plan for initial discussion with G. Vadathu (PG&E)	1.7	
Gary Rich	10/23/19	2.9 Developed /updated test plan for initial discussion with G. Vadathu (PG&E)	2.9	
Kristy Hornland	10/23/19	1.1 Follow-up with PG&E DR point of contact to discuss solution architecture/DR plan action items.	1.1	
Kristy Hornland	10/23/19	2.2 Review of the application disaster recovery (DR) plan template with Y. Kerzner (KPMG).	2.2	
Michael Gomez	10/23/19	0.5 Reviewed policy update recommendations based on improved Data Loss Prevention capabilities; 0.5 provided feedback to T. Sedgwick (KPMG) regarding same.	1.0	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/23/19	Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), M. Ramirez (PG&E), D. Graves (PG&E), N. Kumar (PG&E), G. Rich (KPMG), J. Conkel (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) - partial attendance and B. Zhang (KPMG), to discuss updates to Data Loss Prevention Expansion and De-Identification workstreams. T. Sedgwick (KPMG) led questions on both workstreams, G. Rich (KPMG) provided specific updates for the De-Identification workstream with support from Y. Kerzner (KPMG), J. Conkel (KPMG) facilitated the Data Loss Prevention workstream discussion with primary support from G. Dupree (KPMG) and B. Zhang (KPMG) (who is providing California Consumer Privacy Act support for the Data Loss Prevention workstream).	1.1	
Yosef Kerzner	10/23/19	Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), M. Ramirez (PG&E), D. Graves (PG&E), N. Kumar (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), J. Conkel (KPMG), G. Dupree (KPMG), Y. Kerzner (KPMG) - partial attendance and B. Zhang (KPMG), to discuss updates to Data Loss Prevention Expansion and De-Identification workstreams. T. Sedgwick (KPMG) led questions on both workstreams, G. Rich (KPMG) provided specific updates for the De-Identification workstream with support from Y. Kerzner (KPMG), J. Conkel (KPMG) facilitated the Data Loss Prevention workstream discussion with primary support from G. Dupree (KPMG) and B. Zhang (KPMG) (who is providing California Consumer Privacy Act support for the Data Loss Prevention workstream).	0.6	
Garrett Dupree	10/24/19	0.5 Meeting with K. Hornland (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/24/19.	0.5	
Garrett Dupree	10/24/19	2.3 Updated the Information Centric Encryption network diagram for the cloud DLP design patterns deliverable to include the architecture / components required for extending the encryption service to the Cloud Access Security Broker and connected cloud applications.	2.3	
Gary Rich	10/24/19	Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), Y. Kerzner (KPMG) - partial attendance, to review the draft of the test plan deliverable and receive feedback.	0.6	
Gary Rich	10/24/19	1.1 Manager review of initial draft of de-identification run guide that was developed by Y. Kerzner (KPMG)	1.1	

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Name	Date	Description	Hours	Amount
Gary Rich	10/24/19	2.1 Additional updates to de-identification test plan based on feedback received from G. Vadathu (PG&E) as of 10/24/19.	2.1	
Josh Conkel	10/24/19	3.8 Finalized mapping of port requirements for submission in the SecureApp firewall rule request system.	3.8	
Kristy Hornland	10/24/19	0.5 Meeting with G. Dupree (KPMG) and K. Hornland (KPMG) to update weekly status report with regards to accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/24/19.	0.5	
Kristy Hornland	10/24/19	0.5 Meeting with Y. Kerzner (KPMG) and K. Hornland (KPMG) to update weekly status report in regards to accomplishments as of 10/24, next steps, key decisions, issues, risks, and open action items related to the De-Identification workstream.	0.5	
Kristy Hornland	10/24/19	2.1 Following up with Frank on remaining DR items.	2.1	
Toby Sedgwick	10/24/19	Meeting with G. Vadathu (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) - partial attendance, to review the draft of the test plan deliverable and receive feedback.	0.6	
Yosef Kerzner	10/24/19	0.5 Meeting with Y. Kerzner (KPMG) and K. Hornland (KPMG) to update weekly status report in regards to accomplishments as of 10/24, next steps, key decisions, issues, risks, and open action items related to the De-Identification workstream.	0.5	
Yosef Kerzner	10/24/19	Meeting with G. Vadathu (PG&E), T. Sedgwick, G. Rich (KPMG) - partial attendance, to review the draft of the test plan deliverable and receive feedback.	0.5	
Garrett Dupree	10/25/19	1.0 Compiled DLP weekly accomplishments as of 10/25, goals for next week, and documented the mitigation plans for current issues and risks at the request of G. Vadathu (PG&E).	1.0	
Garrett Dupree	10/25/19	2.2 Updated the cloud DLP design patterns deliverable to include an additional known data loss use case remedied by the Email Security.Cloud solution using a version of Symantec DLP deployed through a cloud infrastructure as a service provider rather than the on-premises routing solution.	2.2	
Garrett Dupree	10/25/19	2.6 Updated the cloud DLP design patterns to include a known data loss use case remedied by the Email Security.Cloud solution using on-premises file scanning proxied through the cloud connector service.	2.6	
Garrett Dupree	10/25/19	2.8 Update the Information Centric Tagging network diagram for the cloud DLP design patterns deliverable to include the architecture / components required for extending the encryption service to the Cloud Access Security Broker and connected cloud applications.	2.8	

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Name	Date	Description	Hours	Amount
Gary Rich	10/25/19	0.3 Meeting with Y. Kerzner (KPMG) to review list of questions sent the day before, review the draft run-guide for required additions, and update on status of DR plan.	0.3	
Gary Rich	10/25/19	0.3 Meeting with M. Cameron (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), and Y. Kerzner (KPMG) to review solution design with Disaster Recovery advisor and obtain suggestions prior to drafting the Application Disaster Recovery Plan document required as part of the Disaster Recovery deliverable.	0.3	
Gary Rich	10/25/19	0.4 Meeting with G. Gaurav (PG&E), C. Mattos (PG&E), S. Yem (PG&E), G. Rich (KPMG), T. Sedgwick (KPMG), Y. Kerzner (KPMG) to review the draft De-Identification test plan deliverable and solicit feedback especially from S. Yem and C. Mattos with respect to test plan core criteria. Resolved to further discuss on the following Monday.	0.4	
Gary Rich	10/25/19	0.6 Meeting with D. Gaurav (PG&E), S. Yem (PG&E), C. Mattos (PG&E), P. Sharma (DataGuise), S. Inder (DataGuise), D. Jha (DataGuise), J. Peters (DataGuise), T. Sedgwick (KPMG) to review weekly status and also to review draft security controls checklist provided by members of PG&E Cybersecurity team, and ask questions relating to logging and third-party penetration testing and hardening.	0.6	
Gary Rich	10/25/19	0.7 Meeting with G. Gaurav (PG&E), C. Mattos (PG&E), S. Yem (PG&E), T. Sedgwick (KPMG) to review process of filling out specific work orders for the Subject Matter Experts required to support the upcoming installation and configuration of the DataGuise De-Identification tool.	0.7	
Josh Conkel	10/25/19	2.1 Performed troubleshooting on additional data loss prevention servers in the PG&E test environment (servers not communicating with the Enforce server, appears to be a port communication issue).	2.1	
Kristy Hornland	10/25/19	0.2 Performed follow-up with N. Botelho (PG&E) to determine onboarding schedule for Collibra.	0.2	
Kristy Hornland	10/25/19	0.2 Performed follow-up with Y. Kerzner (KPMG) regarding solution blueprint needs as of 10/25.	0.2	
Kristy Hornland	10/25/19	0.5 Meeting with F. Molina (PG&E), M. Cameron (PG&E), G. Vadathu (PG&E), T. Sedgwick (KPMG) and K. Hornland (KPMG) to determine what is required for step forward with DR plan and next steps for team to set time with OneCloud team to determine failover approach.	0.5	

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Name	Date	Description	Hours	Amount
Kristy Hornland	10/25/19	0.5 Meeting with R. Delozier (PG&E), F. Dybuncio (PG&E), T. Howe (PG&E), G. Vadathu (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG) to determine common overlap in Collibra instances and decide upon leveraging on prem existence of Collibra for data security needs.	0.5	
Kristy Hornland	10/25/19	2.3 Updates to weekly status report based on feedback received from project team as of 10/25 for communication to client	2.3	
Kristy Hornland	10/25/19	3.1 Reviewing Collibra collateral to prepare for installation procedures.	3.1	
Michael Gomez	10/25/19	Reviewed compiled data for unstructured data placement assessment and concurrently noted feedback to KPMG engagement manager (T. Sedgwick)	1.0	
Toby Sedgwick	10/25/19	0.3 Meeting with M. Cameron (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) to review solution design with Disaster Recovery advisor and obtain suggestions prior to drafting the Application Disaster Recovery Plan document required as part of the Disaster Recovery deliverable.	0.3	
Toby Sedgwick	10/25/19	0.4 Meeting with G. Gaurav (PG&E), C. Mattos (PG&E), S. Yem (PG&E), G. Rich (KPMG) to review the draft De-Identification test plan deliverable and solicit feedback especially from S. Yem and C. Mattos with respect to test plan core criteria. Resolved to further discuss on the following Monday.	0.4	
Toby Sedgwick	10/25/19	0.5 Meeting with F. Molina (PG&E), M. Cameron (PG&E), G. Vadathu (PG&E), K. Hornland (KPMG) to determine what is required for step forward with DR plan and next steps for team to set time with OneCloud team to determine failover approach.	0.5	
Toby Sedgwick	10/25/19	0.5 Meeting with R. Delozier (PG&E), F. Dybuncio (PG&E), T. Howe (PG&E), G. Vadathu (PG&E), K. Hornland (KPMG) to determine common overlap in Collibra instances and decide upon leveraging on prem existence of Collibra for data security needs.	0.5	
Toby Sedgwick	10/25/19	0.6 Meeting with D. Gaurav (PG&E), S. Yem (PG&E), C. Mattos (PG&E), P. Sharma (DataGuise), S. Inder (DataGuise), D. Jha (DataGuise), J. Peters (DataGuise), G. Rich (KPMG), Y. Kerzner (KPMG) to review weekly status and also to review draft security controls checklist provided by members of PG&E Cybersecurity team, and ask questions relating to logging and third-party penetration testing and hardening.	0.6	
Toby Sedgwick	10/25/19	0.7 Meeting with G. Gaurav (PG&E), C. Mattos (PG&E), S. Yem (PG&E), G. Rich (KPMG), Y. Kerzner (KPMG) to review process of filling out specific work orders for the Subject Matter Experts required to support the upcoming installation and configuration of the DataGuise De-Identification tool.	0.7	

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Garrett Dupree	10/28/19	0.4 Meeting with R. Delozier (PG&E), F. Dybuncio (PG&E), T. Sedgwick, J. Conkel (KPMG) to discuss the data privacy considerations for conducting Data Loss Prevention tests against Customer Care file shares and align on additional business units for our team to meet with in order to carry out these tests.	0.4	
Garrett Dupree	10/28/19	0.5 Meeting with T. Howe (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the updated PG&E standards and policies matrix in order to identify potential whitelisted and blacklisted locations for storing information based on the corresponding information classification type.	0.5	
Garrett Dupree	10/28/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG), G. Dupree (KPMG), B. Zhang (KPMG) for an internal KPMG weekly touchpoint to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance work streams, with extra emphasis on driving deliverable towards end-of-month and scheduling various meetings.	0.6	
Garrett Dupree	10/28/19	2.9 Updated the cloud DLP design patterns deliverable to include the capability description / high-level features of the Symantec Network Monitor and Network Prevent for Web solutions.	2.9	
Garrett Dupree	10/28/19	3.0 Updated the cloud DLP design patterns deliverable to include a network diagram for the Network Prevent for Web solution.	3.0	
Garrett Dupree	10/28/19	3.1 Created the network diagram to include with the cloud DLP design patterns deliverable for the Network Monitor solution in order to illustrate how the product could integrate with the existing PG&E environment.	3.1	
Gary Rich	10/28/19	0.2 Meeting with Y. Kerzner (KPMG) and G. Rich (KPMG) to discuss next steps to prepare email to send to T. Howe (PG&E) and G. Vadathu (PG&E) the staging options and testplan instead of having another meeting, due to tight schedules.	0.2	
Josh Conkel	10/28/19	0.4 Meeting with R. Delozier (PG&E), F. Dybuncio (PG&E), T. Sedgwick, G. Dupree (KPMG) to discuss the data privacy considerations for conducting Data Loss Prevention tests against Customer Care file shares and align on additional business units for our team to meet with in order to carry out these tests.	0.4	
Josh Conkel	10/28/19	0.5 Meeting with T. Howe (PG&E), T. Sedgwick (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the updated PG&E standards and policies matrix in order to identify potential whitelisted and blacklisted locations for storing information based on the corresponding information classification type.	0.5	

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Name	Date	Description	Hours	Amount
Josh Conkel	10/28/19	Performed review of data loss prevention cloud capability design pattern document for effective business case information (1.4), technical details of use cases (1.3), and potential application of selected examples in the PG&E environment (0.9).	3.6	
Kristy Hornland	10/28/19	0.3 Meeting with K. Hornland (KPMG) and Y. Kerzner (KPMG) to discuss best approach to complete work orders to request Operating System administrative support as part of the Collibra Data Inventory workstream.	0.3	
Kristy Hornland	10/28/19	0.5 Meeting with F. Molina (PG&E) to discuss DR plan upcoming approach.	0.5	
Kristy Hornland	10/28/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG), G. Dupree (KPMG), B. Zhang (KPMG) for an internal KPMG weekly touchpoint to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance workstreams, with extra emphasis on driving deliverables towards end-of-month and scheduling various meetings;	0.6	
Kristy Hornland	10/28/19	3.2 Review of white glove onboarding services to outline what is required for PG&E team before onboarding	3.2	
Toby Sedgwick	10/28/19	0.4 Meeting with H. Harris (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), Y. Kerzner (KPMG) to discuss high-level overview of the Data De-Identification program to H. Harris (PG&E), who is part of the Operations team and will be supporting the project in the future, and the solution architecture via WebEx.	0.4	
Toby Sedgwick	10/28/19	0.4 Meeting with R. Delozier (PG&E), F. Dybuncio (PG&E), J. Conkel, G. Dupree (KPMG) to discuss the data privacy considerations for conducting Data Loss Prevention tests against Customer Care file shares and align on additional business units for our team to meet with in order to carry out these tests.	0.4	
Toby Sedgwick	10/28/19	0.5 Meeting with T. Howe (PG&E), J. Conkel (KPMG), K. Hornland (KPMG), and G. Dupree (KPMG) to discuss the updated PG&E standards and policies matrix in order to identify potential whitelisted and blacklisted locations for storing information based on the corresponding information classification type.	0.5	
Toby Sedgwick	10/28/19	0.6 Meeting with Y. Kerzner (KPMG) to review and concurrently discuss updated draft of staging options document that will eventually be shared with application owners.	0.6	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/28/19	0.6 Meeting with J. Conkel (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG), G. Dupree (KPMG), B. Zhang (KPMG) for an internal KPMG weekly touchpoint to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance workstreams, with extra emphasis on driving deliverables towards end-of-month and scheduling various meetings.	0.6	
Yosef Kerzner	10/28/19	0.2 Brief discussion with D. Gaurav (PG&E) to ask about his review of test plan and to follow up about access pieces in MEA.	0.2	
Yosef Kerzner	10/28/19	0.2 Meeting with Y. Kerzner (KPMG) and G. Rich (KPMG) to discuss next steps to prepare email to send to T. Howe (PG&E) and G. Vadathu (PG&E) the staging options and testplan instead of having another meeting, due to tight schedules.	0.2	
Yosef Kerzner	10/28/19	0.3 Drafted email containing updated test plan for C. Mattos (PG&E), S. Yem (PG&E) and D. Gaurav (PG&E).	0.3	
Yosef Kerzner	10/28/19	0.3 Drafted formatted message to D. Gaurav (PG&E) with links to the submitted work orders.	0.3	
Yosef Kerzner	10/28/19	0.3 Meeting with K. Hornland (KPMG) and Y. Kerzner (KPMG) to discuss best approach to complete work orders to request Operating System administrative support as part of the Colibra Data Inventory workstream.	0.3	
Yosef Kerzner	10/28/19	0.4 Meeting with H. Harris (PG&E), D. Gaurav (PG&E), C. Mattos (PG&E), T. Sedgwick (KPMG), and Y. Kerzner (KPMG) to discuss high-level overview of the Data De-Identification program to H. Harris (PG&E), who is part of the Operations team and will be supporting the project in the future, and the solution architecture via WebEx.	0.4	
Yosef Kerzner	10/28/19	0.4 Reviewed online BIA form as follow-up from takeaways from BIA meeting with G. Shintani (PG&E) from October 11, 2019.	0.4	
Yosef Kerzner	10/28/19	0.6 Senior Specialist review of staging options / test plan provided by G. Rich (KPMG).	0.6	
Yosef Kerzner	10/28/19	0.6 Meeting with T. Sedgwick (KPMG) and Y. Kerzner (KPMG) to review and concurrently discuss updated draft of staging options document that will eventually be shared with application owners.	0.6	
Yosef Kerzner	10/28/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG), G. Dupree (KPMG), B. Zhang (KPMG) for an internal KPMG weekly touchpoint to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance workstreams, with extra emphasis on driving deliverables towards end-of-month and scheduling various meetings.	0.6	
Yosef Kerzner	10/28/19	0.7 Finalized work orders for Operating System support / database support.	0.7	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/28/19	1.0 Crated an updated illustrative design for staging options document.	1.0	
Yosef Kerzner	10/28/19	1.4 Extracted data from completed questionnaires of application owners to determine what else was needed from different applications.	1.4	
Garrett Dupree	10/29/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), T. Sedgwick, J. Conkel (KPMG) to review the Cloud DLP Design Patterns deliverable with primary project stakeholders and gather feedback on the deliverable contents.	1.1	
Garrett Dupree	10/29/19	1.9 Created the use case diagram for the Network Monitor solution as part of the cloud DLP design patterns deliverable that is used to describe how implementing this product addresses a known data loss use case.	1.9	
Garrett Dupree	10/29/19	2.1 Created the use case diagram for the Network Prevent for Web solution apart of the cloud DLP design patterns deliverable that is used to describe how the proposed solution can be used to address a known data loss use case.	2.1	
Garrett Dupree	10/29/19	2.7 Updated the cloud DLP design patterns deliverable to include use case descriptions for the Network Monitor and Network Prevent for Web solutions.	2.7	
Garrett Dupree	10/29/19	2.9 Updated the cloud DLP design pattern deliverable network diagrams for Network Monitor & Network Prevent for Web solutions to show the integrations with a forward proxy, managed endpoints, and additional cloud storage services.	2.9	
Gary Rich	10/29/19	0.3 Discussion with G. Rich (KPMG) and Y. Kerzner (KPMG) to determine specific meanings for one of the staging options in the document to be presented in an upcoming meeting.	0.4	
Josh Conkel	10/29/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), T. Sedgwick, G. Dupree (KPMG) to review the Cloud DLP Design Patterns deliverable with primary project stakeholders and gather feedback on the deliverable contents.	1.1	
Josh Conkel	10/29/19	Updated cloud data loss prevention design pattern document to address feedback given during the meeting. This activity included detailing more effective business case information (.9) detailing root problems to be solved in the document (1.1) as well as integration of the gap analysis findings to the summary of the document (.9).	2.9	
Kristy Hornland	10/29/19	0.5 Call with L. Luuho (Collibra) to discuss approach to booking time with Collibra specialists for walkthroughs of platform with PG&E	0.5	
Kristy Hornland	10/29/19	0.5 Meeting with L. Luuho (Collibra) to discuss booking platform utilized for Collibra white glove onboarding scheduling.	0.5	
Kristy Hornland	10/29/19	Review of existing ESFT requests as well as opening ESFT request for Collibra install	0.6	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/29/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), J. Conkel, G. Dupree (KPMG) to review the Cloud DLP Design Patterns deliverable with primary project stakeholders and gather feedback on the deliverable contents.	1.1	
Yosef Kerzner	10/29/19	0.3 Drafted email to send first pass of Disaster Recovery plan to C. Mattos (PG&E), S. Yem (PG&E), and D. Gaurav (PG&E) including next steps for discussion related to same.	0.3	
Yosef Kerzner	10/29/19	0.5 Reviewed comments provided to D. Gaurav (PG&E) on the test plan document and 0.1 forwarded to T. Sedgwick (KPMG) and G. Rich (KPMG) for review.	0.6	
Yosef Kerzner	10/29/19	0.6 Performed brainstorming regarding best approach to understand the different staging options (and visualize them using Visio).	0.6	
Yosef Kerzner	10/29/19	0.6 Reviewed meeting invite for Thursday from T. Williams (of RPS) and 0.1 forwarded to T. Sedgwick (KPMG) and G. Rich (KPMG) with details regarding context.	0.7	
Yosef Kerzner	10/29/19	0.6 Updated weekly task tracker spreadsheet with current tasks as of 10/29 and 0.1 updated it on the PG&E shared SharePoint drive for visibility.	0.7	
Yosef Kerzner	10/29/19	1.5 Performed first pass of Disaster Recovery Plan with de-identification in mind and concurrently adjusted relevant language (as needed).	1.5	
Yosef Kerzner	10/29/19	3.0 Examination of different staging options (as discussed with T. Sedgwick - KPMG on previous day) to assist when designing an alternate diagram of the staging options.	3.0	
Garrett Dupree	10/30/19	1.2 Meeting with D. Gaurav (PG&E), B. Spell (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), J. Conkel (KPMG), T. Sedgwick (KPMG), G. Dupree (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to discuss weekly progress in the Data Loss Prevention, Data Inventory, and De-Identification workstreams, including configuration issues for Symantec, meetings about design patterns, and discussing Disaster Recovery options for both De-Identification and Data Loss Prevention workstreams.	1.2	
Garrett Dupree	10/30/19	1.2 Meeting with M. Ramirez (PG&E), S. Hopkins (PG&E), B. Spell (PG&E), G. Vadathu (PG&E), T. Sedgwick, J. Conkel (KPMG) to review the Cloud DLP Design Patterns deliverable with additional project stakeholders in order to gather feedback on the pattern suggestions and gauge the alignment of PG&E's future data security roadmap with these recommendations.	1.2	
Garrett Dupree	10/30/19	2.0 Updated the cloud DLP design patterns deliverable to include the network diagram descriptions for the Symantec Network Monitor & Network Prevent for Web solutions.	2.0	

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Name	Date	Description	Hours	Amount
Gary Rich	10/30/19	0.4 Meeting with G. Rich (KPMG) and Y. Kerzner (KPMG) to review outstanding items related to test plan as of 10/30/19.	0.4	
Josh Conkel	10/30/19	1.2 Meeting with M. Ramirez (PG&E), S. Hopkins (PG&E), B. Spell (PG&E), G. Vadathu (PG&E), T. Sedgwick, G. Dupree (KPMG) to review the Cloud DLP Design Patterns deliverable with additional project stakeholders in order to gather feedback on the pattern suggestions and gauge the alignment of PG&E's future data security roadmap with these recommendations.	1.2	
Josh Conkel	10/30/19	2.8 Reviewed data loss prevention test system policy accuracy for CCPA use at the request of T. Howe (PG&E) and G. Vadathu (PG&E) with intent to locate potential inaccuracies in the policies that resulted in false positives occurring in production (no inaccuracies were found during review).	2.8	
Kristy Hornland	10/30/19	3.0 Continued, on same day, to review required items for Collibra installation including training documentation / existing architecture.	3.0	
Kristy Hornland	10/30/19	3.3 Review of required items for Collibra installation including training documentation / existing architecture.	3.3	
Michael Gomez	10/30/19	1.0 Initial Partner review of updates to PG&E standards & policies to improve protection of data based on updated data loss prevention capabilities	1.0	
Michael Gomez	10/30/19	Meeting with M. Gomez (KPMG) and T. Sedgwick (KPMG) to discuss project status update, achievements, upcoming deliverables, and risks and issues as of 10/30/19.	1.0	
Toby Sedgwick	10/30/19	0.2 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), Y. Kerzner (KPMG) to discuss Disaster Recovery plan development - resolved to potentially join with data inventory workstream effort when drafting the Disaster Recovery plan.	0.2	
Toby Sedgwick	10/30/19	0.4 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), Y. Kerzner (KPMG) to review draft test plan for De-Identification workstream and next steps to share with G. Vadathu (PG&E) and team for final comments.	0.4	
Toby Sedgwick	10/30/19	0.4 Meeting with Y. Kerzner (KPMG) and T. Sedgwick (KPMG) to discuss specifics regarding how DataGuise tool is used to connect to databases and why additional storage space is required as part of normal operations of the tool.	0.4	
Toby Sedgwick	10/30/19	Meeting with M. Gomez (KPMG) and T. Sedgwick (KPMG) to discuss project status update, achievements, upcoming deliverables, and risks and issues as of 10/30/19.	1.0	

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Name	Date	Description	Hours	Amount
Toby Sedgwick	10/30/19	1.2 Meeting with D. Gaurav (PG&E), B. Spell (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), J. Conkel (KPMG), G. Dupree (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to discuss weekly progress in the Data Loss Prevention, Data Inventory, and De-Identification workstreams, including configuration issues for Symantec, meetings about design patterns, and discussing Disaster Recovery options for both De-Identification and Data Loss Prevention workstreams.	1.2	
Toby Sedgwick	10/30/19	1.2 Meeting with M. Ramirez (PG&E), S. Hopkins (PG&E), B. Spell (PG&E), G. Vadathu (PG&E), J. Conkel, G. Dupree (KPMG) to review the Cloud DLP Design Patterns deliverable with additional project stakeholders in order to gather feedback on the pattern suggestions and gauge the alignment of PG&E's future data security roadmap with these recommendations.	1.2	
Yosef Kerzner	10/30/19	0.2 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), T. Sedgwick (KPMG) and Y. Kerzner (KPMG) to discuss Disaster Recovery plan development - resolved to potentially join with data inventory workstream effort when drafting the Disaster Recovery plan.	0.2	
Yosef Kerzner	10/30/19	0.4 Meeting with G. Rich (KPMG) and Y. Kerzner (KPMG) to review outstanding items related to test plan as of 10/30/19.	0.4	
Yosef Kerzner	10/30/19	0.4 Compiled meeting notes from previous short meeting about Disaster Recovery plan to provide to G. Rich (KPMG) and T. Sedgwick (KPMG).	0.4	
Yosef Kerzner	10/30/19	0.3 Correspondence via email with DataGuise team to obtain support for DGSecure product installation for week of November 4th, 2019.	0.3	
Yosef Kerzner	10/30/19	0.4 Meeting with C. Mattos (PG&E), D. Gaurav (PG&E), T. Sedgwick (KPMG), and Y. Kerzner (KPMG) to review draft test plan for De-Identification workstream and next steps to share with G. Vadathu (PG&E) and team for final comments.	0.4	
Yosef Kerzner	10/30/19	0.4 Meeting with Y. Kerzner (KPMG) and T. Sedgwick (KPMG) to discuss specifics regarding how DataGuise tool is used to connect to databases and why additional storage space is required as part of normal operations of the tool.	0.4	

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Name	Date	Description	Hours	Amount
Yosef Kerzner	10/30/19	1.2 Meeting with D. Gaurav (PG&E), B. Spell (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), J. Conkel (KPMG), T. Sedgwick (KPMG), G. Dupree (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to discuss weekly progress in the Data Loss Prevention, Data Inventory, and De-Identification workstreams, including configuration issues for Symantec, meetings about design patterns, and discussing Disaster Recovery options for both De-Identification and Data Loss Prevention workstreams.	1.2	
Garrett Dupree	10/31/19	0.5 Meeting with K. Hornland (KPMG) to update weekly status report in regards accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/31/19.	0.5	
Garrett Dupree	10/31/19	Document the weekly accomplishments / pending items as of 10/31 related to the unstructured and cloud DLP work streams - at the request of G. Vadathu (PG&E).	1.0	
Garrett Dupree	10/31/19	2.1 Created the structured PowerPoint presentation for presenting the proposed changes to PG&E standards & policies cloud DLP deliverable to project stakeholders.	2.1	
Garrett Dupree	10/31/19	2.4 Performed research related to the Azure Rights Management Service solution capabilities for file permissions management relative to both managed / unmanaged endpoints, which was a resulting action item from reviewing the cloud DLP design patterns deliverable with S. Hopkins (PG&E).	2.4	
Garrett Dupree	10/31/19	2.5 Updated the Excel matrix for the revisions to PG&E standards & policies cloud DLP deliverable to include updated whitelisted / blacklisted locations for storing confidential or restricted information based on prior discussions with the project team and references of the Enterprise Records and Information Management website.	2.5	
Gary Rich	10/31/19	0.4 Meeting with D. Jha (DataGuise), P. Sharma (DataGuise), S. Inder (DataGuise), G. Rich (KPMG) and Y. Kerzner (KPMG) to discuss adding some scenarios / clarifications to the draft test plan.	0.4	
Gary Rich	10/31/19	0.4 Meeting with K. Ashmore (3Point), T. Williams (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) and Y. Kerzner (KPMG) to discuss details of the de-identification pre-deployment questionnaire with the vendor of the vendor-managed Remittance Processing System (RPS) application. As vendor expressed concern about the difficulty of obtaining some information, resolved to speak with DataGuise contacts about information that had already been provided.	0.4	
Gary Rich	10/31/19	1.6 Performed Manager review and concurrently updated test plan based on feedback received from S. Yem (PG&E) and P. Sharma (DataGuise)	1.6	

EXHIBIT C2

PG&E Corporation and PG&E Company, et.al.
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 Data Security Services
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Name	Date	Description	Hours	Amount
Josh Conkel	10/31/19	1.5 Viewed video on MetricStream website on effective use of the product as alternative to meeting with D. Graves (PG&E) due to conflict	1.5	
Josh Conkel	10/31/19	Created business case documentation at the request of G. Vadathu (PG&E). This case included the business need, desired outcomes, scope of work, job financial estimate), rough timeline of completion.	3.5	
Kristy Hornland	10/31/19	0.4 Meeting with K. Hornland (KPMG) and Y. Kerzner (KPMG) to review weekly progress of the De-Identification workstream.	0.4	
Kristy Hornland	10/31/19	0.5 Meeting with G. Dupree (KPMG) and K. Hornland (KPMG) to update weekly status report in regards accomplishments, next steps, key decisions, issues, risks, and open action items for DLP workstream as of 10/31/19.	0.5	
Michael Gomez	10/31/19	Partner review of final version of Cloud DLP Design Patterns for cloud data loss prevention project.	1.0	
Yosef Kerzner	10/31/19	0.1 Meeting with G. Rich (KPMG) about feedback received from S. Yem (PG&E) about test plan, and plan to schedule call with DataGuise on short notice.	0.1	
Yosef Kerzner	10/31/19	0.4 Meeting with D. Jha (DataGuise), P. Sharma (DataGuise), S. Inder (DataGuise), G. Rich (KPMG) and Y. Kerzner (KPMG) to discuss adding some scenarios / clarifications to the draft test plan.	0.4	
Yosef Kerzner	10/31/19	0.4 Meeting with K. Ashmore (3Point), T. Williams (PG&E), D. Gaurav (PG&E), G. Rich (KPMG) and Y. Kerzner (KPMG) to discuss details of the de-identification pre-deployment questionnaire with the vendor of the vendor-managed Remittance Processing System (RPS) application. As vendor expressed concern about the difficulty of obtaining some information, resolved to speak with DataGuise contacts about information that had already been provided.	0.4	
Yosef Kerzner	10/31/19	0.4 Meeting with K. Hornland (KPMG) and Y. Kerzner (KPMG) to review weekly progress of the De-Identification workstream.	0.4	
Yosef Kerzner	10/31/19	0.4 Submitted test plan in EDRS (PG&E routing system).	0.4	
Yosef Kerzner	10/31/19	1.5 Updates to De-Identification test plan based on feedback from S. Yem (PG&E) and DataGuise team members.	1.5	
Total Data Security Services			551.2	\$ 249,191.10 ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the Data Security Services. Payment of the fixed fee is dependent on an iterative process by which stages of the project go through a formal review, including a detailed walkthrough, modifications (if required) and formal acceptance. As of October 31, 2019, KPMG is requesting the fixed-fee amount above for these services, as approved by the client.

EXHIBIT C3

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
Legal Support Services
October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
no hourly services current month					
Subtotal Legal Support Services (Hourly)			<u>0.0</u>		<u>\$ -</u>
Recurring Monthly Fees					
Fee # 1: Hosting					
Period	Number of Gigabytes		Discounted Amount		
October 1-31, 2019	16,577.48		\$ 49,732.44		
Subtotal Hosting Services		<u>\$ 49,732.44</u>			
Fee # 2: User Fees					
Period	Number of Users		Amount		
October 1-31, 2019	3 ⁽¹⁾		\$ 285.00		
Subtotal User Services		<u>\$ 285.00</u>			
Total Legal Support Services					<u>\$ 50,017.44</u>

⁽¹⁾ As per Appendix C of the Legal Support Services Agreement, KPMG did not charge the client for the initial 10 of 13 total users.

EXHIBIT C4

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase 1)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total IT Software Services (Phase 1)			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C5

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
Enterprise Project Management Tools Implementation Services
October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total Enterprise Project Management Tools Implementation Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C6

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Risk Assessment Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>Project Complete</i>					
Total Risk Assessment Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C7

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Retention Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	10/09/19	Call with G. Armstrong, S. Carlin (KPMG) regarding supplemental application, outstanding items, next steps	0.1	\$ 162.50	\$ 16.25
Celeste Campbell	10/21/19	Update supplemental application tracking spreadsheet to include new CWA's, including reference numbers, fee amounts, date ranges, project sponsors, etc.	0.9	\$ 162.50	\$ 146.25
Total Retention Services			<u>1.0</u>		<u>\$ 162.50</u>

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Fee Application Preparation Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Juanita Garza	10/01/19	Prepare Data Security Program Support portion of exhibit D1 for inclusion in fifth monthly fee statement.(1.8)	1.2	\$ 137.50	\$ 165.00
Wendy Shaffer	10/01/19	Updated designated portion of exhibit C2 of PG&E 5th monthly fee application to include data received from professionals as of 10/1/19	1.3	\$ 162.50	\$ 211.25
Juanita Garza	10/03/19	Continue, as of 10/03/19 to prepare Task 3 portion of Exhibit C1 for inclusion in fifth monthly fee statement. (.6)Continue, as of 10/03/19, to prepare Task 3 portion of exhibit D1 for inclusion in fifth monthly fee statement. (.5)	1.1	\$ 137.50	\$ 151.25
Juanita Garza	10/03/19	Continue, as of 10/03/19, to prepare Data Security Program Support portion of exhibit D1 for inclusion in fifth monthly fee statement.(.2)	0.2	\$ 137.50	\$ 27.50
Celeste Campbell	10/04/19	.2 Finalize 4th narrative in advance of filing; .4 Create 4th final deliverable inclusive of narrative, exhibits, email to L. Carens (Weil Gotshal) requesting filing and service. .9Continue, as of 10/4, populating data file for fee examiner, adding new professionals; 1.6 Begin preparation of 4th allocation factoring 80% / 20% complication created by bankruptcy; .2 Check docket for filed fee statement	3.3	\$ 162.50	\$ 536.25
Juanita Garza	10/04/19	Continue, as of 10/04/19, to prepare Task 1 of D1 exhibit for inclusion in fifth monthly fee statement.	1.5	\$ 137.50	\$ 206.25
Celeste Campbell	10/07/19	.7Continue, as of 10/7, populating 4th data spreadsheet as required for Fee Examiner;.2 Send 4th data file and receipts to Fee Examiner; .6 Begin to prepare invoice data to send to PG&E as required for their internal review process; .1 Access docket, download KPMG filed 4th fee statement for PG&E	1.6	\$ 162.50	\$ 260.00
Celeste Campbell	10/07/19	.6 Complete 4th allocation factoring in 80%/ 20% complication ; .7Continue, from earlier on 10/7, populating 4th data spreadsheet for Fee Examiner	1.3	\$ 162.50	\$ 211.25
Juanita Garza	10/07/19	Continue, as of 10/06/19, to prepare Task 3 portion of Exhibit C1 for inclusion in fifth monthly fee statement.	3.4	\$ 137.50	\$ 467.50
Juanita Garza	10/08/19	Continue, as of 10/06/19, to prepare Task 3 portion of Exhibit C1 for inclusion in fifth monthly fee statement. (1.6) Prepare assigned portion of Exhibit C8 for inclusion in fifth monthly fee statement (.5)	2.1	\$ 137.50	\$ 288.75
Juanita Garza	10/08/19	Download /save receipts for 5th fee statement to provide to Fee Examiner and client as required	2.2	\$ 137.50	\$ 302.50
Juanita Garza	10/09/19	Continue, as of 10/9/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	2.4	\$ 137.50	\$ 330.00
Celeste Campbell	10/10/19	.1 Follow-up with PG&E Law Finance team regarding timing of providing invoices for 4th fee statement; 1.2Continue, as of 10/10; preparing invoice data for PG&E in format requested to facilitate their internal review process.	1.3	\$ 162.50	\$ 211.25

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Fee Application Preparation Services
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Name	Date	Description	Hours	Rate	Amount
Juanita Garza	10/10/19	Continue, as of 10/10/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	3.1	\$ 137.50	\$ 426.25
Juanita Garza	10/10/19	Continue, as of 10/10/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	3.2	\$ 137.50	\$ 440.00
Juanita Garza	10/10/19	Continue, from earlier on 10/10/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	1.1	\$ 137.50	\$ 151.25
Celeste Campbell	10/11/19	Complete populating A&B invoice data for 4th fee statement as per PG&E request	0.6	\$ 162.50	\$ 97.50
Juanita Garza	10/11/19	Continue, as of 10/11/19, to prepare Exhibit D1 for inclusion in fifth monthly fee statement.	0.4	\$ 137.50	\$ 55.00
Juanita Garza	10/14/19	Continue, as of 10/14/19, to prepare Task 2 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	0.9	\$ 137.50	\$ 123.75
Juanita Garza	10/14/19	Continue, as of 10/14 to download /save of receipts for 5th fee statement to provide to Fee Examiner and client as required	1.8	\$ 137.50	\$ 247.50
Juanita Garza	10/15/19	Continue, as of 10/15/19, to prepare exhibit D1 for inclusion in fifth monthly fee statement.	2.3	\$ 137.50	\$ 316.25
Celeste Campbell	10/16/19	Check PG&E docket for any Fee Examiner related filings 0.1; Prepare designated portion of C1 of 5th fee statement (Task 1) 3.0	3.1	\$ 162.50	\$ 503.75
Juanita Garza	10/16/19	Prepare Data Security portion of exhibit D1 for inclusion in fifth monthly fee statement.	3.4	\$ 137.50	\$ 467.50
Juanita Garza	10/16/19	Continue from earlier on 10/16 to prepare PG&E Data Security portion of exhibit D1 for inclusion in fifth monthly fee statement.	1.2	\$ 137.50	\$ 165.00
Celeste Campbell	10/17/19	Follow-up with A. Bird (PG&E) to confirm receipt support for 4th received.; Continue, as of 10/17, preparing designated portion (Task 1) of Exhibit C1 of 5th fee statement. 3.0	3.1	\$ 162.50	\$ 503.75
Juanita Garza	10/17/19	Create file with receipts specifically for 4th fee statement to provide to Fee Examiner and Client	0.5	\$ 137.50	\$ 68.75
Juanita Garza	10/17/19	Continue, as of 10/17/19, to prepare Exhibit D1 for inclusion in fifth monthly fee statement.	0.4	\$ 137.50	\$ 55.00
Celeste Campbell	10/18/19	Check docket for Fee Examiner related developments, download and read .2; Continue, as of 10/18, preparing designated portion (Task 1) of Exhibit C1 of 5th fee statement. 3.2	3.4	\$ 162.50	\$ 552.50
Juanita Garza	10/18/19	Continue, as of 10/18/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth Monthly Fee Statement.	2.5	\$ 137.50	\$ 343.75
Juanita Garza	10/18/19	Prepare PG&E 2019- Data Security portion of exhibit D1 for inclusion in fifth monthly fee statement. (1.4)	1.4	\$ 137.50	\$ 192.50
Celeste Campbell	10/21/19	Continue, as of 10/21, preparation of designated (portion of Exhibit C1 of 5th fee statement	2.6	\$ 162.50	\$ 422.50
Celeste Campbell	10/21/19	Read newly executed CWA's focusing on date range of services, fee structure / caps for impact on compensation process	1.4	\$ 162.50	\$ 227.50

EXHIBIT C8

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Name	Date	Description	Hours	Rate	Amount
Juanita Garza	10/21/19	2.8 Continue, from earlier on 10/21, to prepare Data Security Program Support portion of Exhibit D1 for inclusion in fifth monthly fee statement;	2.8	\$ 137.50	\$ 385.00
Juanita Garza	10/21/19	3.2 Continue, as of 10/21/19, to prepare Data Security Program Support portion of Exhibit D1 for inclusion in fifth monthly fee statement.	3.2	\$ 137.50	\$ 440.00
Celeste Campbell	10/22/19	Complete preparation of designated portion of Exhibit C1 of 5th fee statement.	2.6	\$ 162.50	\$ 422.50
Juanita Garza	10/22/19	.2 Continue, as of 10/22/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 1.7 Continue, as of 10/22/19, to prepare Task 2 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 1.3 Continue, as of 10/22/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	3.2	\$ 137.50	\$ 440.00
Juanita Garza	10/22/19	Continue, as of 10/22/19, to prepare Data Security Program Support portion of Exhibit D1 for inclusion in fifth monthly fee statement;	2.8	\$ 137.50	\$ 385.00
Celeste Campbell	10/23/19	Perform manager review of designated portion of Exhibit C1 of 5th fee statement prepared by J. Garza (KPMG) as required in advance of filing 3.0	3.0	\$ 162.50	\$ 487.50
Celeste Campbell	10/23/19	Perform manager review of Exhibit C2 of 5th fee statement as required in advance of filing 1.5; Begin preparation of Exhibit C2 of 6th fee statement 0.9	2.4	\$ 162.50	\$ 390.00
Juanita Garza	10/23/19	.2 Continue, as of 10/22/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 2.8 Continue, as of 10/22/19, to prepare Task 2 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 2.7 Continue, as of 10/22/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	5.7	\$ 137.50	\$ 783.75
Juanita Garza	10/23/19	Continue, as of 10/23/19, to prepare Data Security Program Support portion of Exhibit D1 for inclusion in fifth monthly fee statement;	1.3	\$ 137.50	\$ 178.75
Celeste Campbell	10/24/19	Prepare estimate for AMS fee estimate to date for the client per G. Armstrong request to provide to PG&E 1.7; Finalize / format AMS estimate for PG&E, send G. Armstrong (KPMG) .3	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	10/24/19	Continue, as of 10/24, manager review of Exhibit C2 of 5th fee statement as required in advance of filing	2.0	\$ 162.50	\$ 325.00
Juanita Garza	10/24/19	1.5 Continue, as of 10/24/19, to prepare Task 1 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 1.9 Continue, as of 10/24/19, to prepare Task 2 portion of Exhibit D1 for inclusion in fifth monthly fee statement; 1.3 Continue, as of 10/22/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.; .2 Continue, as of 10/22/19, to prepare Task 3 portion of Exhibit D1 for inclusion in fifth monthly fee statement.	4.9	\$ 137.50	\$ 673.75

EXHIBIT C8

PG&E Corporation and PG&E Company, et.al.

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Fee Application Preparation Services
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Name	Date	Description	Hours	Rate	Amount
Juanita Garza	10/24/19	Continue, as of 10/24/19, to prepare Data Security Program Support portion of Exhibit D1 for inclusion in fifth monthly fee statement;	2.5	\$ 137.50	\$ 343.75
Celeste Campbell	10/25/19	Access docket, pull down 3 documents filed yesterday regarding Fee Examiner (FE) protocol and read 2 of the 3 docs 0.5; Read revised FE protocol document 0.2	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	10/25/19	Begin manager review of Exhibit D1 of 5th fee statement, prepared by J. Garza (KPMG), as required in advance of filing 0.8	0.8	\$ 162.50	\$ 130.00
Juanita Garza	10/25/19	Begin to prepare Task 1 portion of Exhibit C1 for inclusion in sixth monthly fee statement. 2.2; Begin to prepare Task 2 portion of Exhibit C1 for inclusion in sixth monthly fee statement. 2.3; Begin to prepare Main task portion of Exhibit C1 for inclusion in sixth monthly fee statement. 1.3	5.6	\$ 137.50	\$ 770.00
Celeste Campbell	10/26/19	(2.)Continue, as of 10/26, to prepare Exhibit C2 of 6th fee statement. (.1) check docket for developments with regards to fee protocol.	2.1	\$ 162.50	\$ 341.25
Celeste Campbell	10/27/19	Update fee statement workbook to include exhibit for new service (CCPA)	1.2	\$ 162.50	\$ 195.00
Celeste Campbell	10/27/19	Update fee statement workbook with professionals new to team in current month, add titles and rates based on applicable CWA	2.0	\$ 162.50	\$ 325.00
Celeste Campbell	10/27/19	Continue, as of 10/27, to prepare Exhibit C2 of 6th fee statement.	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	10/28/19	Begin preparation of 7th fee statement, transferring time detail to fee statement format	2.1	\$ 162.50	\$ 341.25
Celeste Campbell	10/28/19	Continue, as of 10/28, to add professionals new to team as of 9-19 to summary exhibits, including title, std rate and discount rate based on applicable CWA 0.6 Check docket to confirm no objections received related to KPMG's 4th fee statement. 0.1 Email G. Armstrong to confirm no objections received related to KPMG's 4th fee statement. 0.1	1.0	\$ 162.50	\$ 162.50
Celeste Campbell	10/28/19	Update fee statement workbook to add additional instances of names for professionals working on 2 services in order to pull correct rate.	0.7	\$ 162.50	\$ 113.75
Celeste Campbell	10/28/19	.3Continue, from earlier on 10/28, to add professionals new to team as of 9-19 to summary exhibits, including title, standard rate and discount rate based on applicable CWA	0.3	\$ 162.50	\$ 48.75
Celeste Campbell	10/28/19	(.6) Add new exhibit for Permitting Services, link to summary exhibits, add to professionals exhibits, (.7)Add professionals new to team as of 9-19 to summary exhibits, including title, std rate and discount rate based on applicable CWA	1.3	\$ 162.50	\$ 211.25
Juanita Garza	10/28/19	Continue, as of 10/28/19, to prepare Main Task portion of exhibit C1 for inclusion in sixth monthly fee statement. (1.0); Continue, as of 10/28/19, to prepare Task 4 portion of exhibit C1 for inclusion in sixth monthly fee statement. (.5);	1.5	\$ 137.50	\$ 206.25

EXHIBIT C8

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Case No. 19-30088

Fee Application Preparation Services
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Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	10/21/19	Read newly executed CWA's focusing on date range of services, fee structure / caps for impact on compensation process	1.4	\$ 162.50	\$ 227.50
Celeste Campbell	10/21/19	Update fee statement spreadsheet to map new CWA's to chargecodes and transfer over pertinent data for tracking 0.2	0.9	\$ 162.50	\$ 146.25
Juanita Garza	10/28/19	Continue, as of 10/28/19, to prepare Task 1 portion of exhibit C1 for inclusion in sixth monthly fee statement. (2.8); Continue, as of 10/28/19, to prepare Task 2 portion of exhibit C1 for inclusion in sixth monthly fee statement. (3.9);	6.7	\$ 137.50	\$ 921.25
Monica Plangman	10/28/19	Associate director review of fee application documents and concurrently provide comments.	0.7	\$ 212.50	\$ 148.75
Celeste Campbell	10/29/19	Prepare 4th CNO, send to G. Armstrong for approval to file 0.3 Check PG&E docket for new developments with respect to compensation (Fee examiner) 0.1 Draft email to M. Plangman to advise of go-forward with respect to interim 0.2Continue, as of 10/29, manager review of Exhibit C1 -5th fee statement- 1.2 Begin to prepare Exhibit C8 of 5th fee statement 1.2 Finalize 4th certificate of no objection and send to J. Kim (KB) with request to file and serve 0.2	3.2	\$ 162.50	\$ 520.00
Celeste Campbell	10/29/19	Begin to prepare Exhibit C7 of 5th fee statement	1.0	\$ 162.50	\$ 162.50
Juanita Garza	10/29/19	Continue, as of 10/29/19, to prepare Main Task portion of exhibit C1 for inclusion in sixth monthly fee statement. (.2); Continue, as of 10/29/19, to prepare Task 4 portion of exhibit C1 for inclusion in sixth monthly fee statement. (.3); Continue, as of 10/29/19, to prepare Task 1 portion of exhibit C1 for inclusion in sixth monthly fee statement. (2.0); Continue, as of 10/29/19, to prepare Task 2 portion of exhibit C1 for inclusion in sixth monthly fee statement. (2.5); Prepare Task 1 portion of exhibit C1 for inclusion in seventh monthly fee statement. (1.1); Prepare Task 2 portion of exhibit C1 for inclusion in seventh monthly fee statement (1.7);	7.3	\$ 137.50	\$ 1,003.75
Celeste Campbell	10/30/19	Finalize Exhibit C2 of 5th fee statement , send to managers for review in advance of partner review. (.4) Access docket, download CNO for 4th fee statement 0.1 Email CNO to A. Rolling (KPMG) with request to release invoice and for updated AR report (attach CNO and filed fee statement) 0.2	0.7	\$ 162.50	\$ 113.75
Juanita Garza	10/30/19	Begin to prepare Main Task portion of exhibit C1 for inclusion in seventh monthly fee statement. (.2); Begin to prepare Task 4 portion of exhibit C1 for inclusion in seventh monthly fee statement. (.3); Continue, as of 10/30/19, to prepare Task 1 portion of exhibit C1 for inclusion in seventh monthly fee statement. (1.0); Continue, as of 10/30/19, to prepare Task 2 portion of exhibit C1 for inclusion in seventh monthly fee statement. (1.4);	2.9	\$ 137.50	\$ 398.75

EXHIBIT C8**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**Fee Application Preparation Services
October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Celeste Campbell	10/31/19	Address M. Plangman (KPMG) comments for Exhibit C1 of 5th fee statement as required in advance of filing .9	0.9	\$ 162.50	\$ 146.25
Celeste Campbell	10/31/19	Continue, as of 10/31, preparation of 6th fee statement, add additional professionals, title rates.	0.7	\$ 162.50	\$ 113.75
Juanita Garza	10/31/19	Continue, as of 10/30/19, to prepare Task 1 portion of exhibit C1 for inclusion in seventh monthly fee statement. (.7); Continue, as of 10/30/19, to prepare Task 2 portion of exhibit C1 for inclusion in seventh monthly fee statement. (1.1); Prepare assigned portion of exhibit C8 for inclusion in sixth monthly fee statement. (.6);	2.4	\$ 137.50	\$ 330.00
Total Fee Application Preparation Services			146.5		\$ 21,613.75

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/01/19	Technical status, as of 10/01/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Villegas (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/01/19	Performed the review, concurrently drafting email to L. Milum (PG&E) for obtaining required role and group names Non-Production console access.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/01/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/01/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/01/19	Performed configuration for authentication policy setup for SSO between OpenToken based application / SAML application in local environment.	2.0	\$ 225.00	\$ 450.00
Bhaskara Rama Bhaskara	10/01/19	Analyze AD access issues in citrix environment after AD account is de-provisioned.	2.5	\$ 225.00	\$ 562.50
Matthew Rice	10/01/19	.1 Draft email reply to A. Nadipally, R. Jeyarajan, M. Pulivarthi, L. Milum, J. Paul, N. Dsouza, S. Hunt (PG&E) to remind them of what can and cannot be done for Application 5 defect identified in all environments. ; .1 Draft email / text S. Hunt (PG&E) advising that my LANID was locked out. .Analyze Citrix login issues (.2) and called PG&E TSC and was told that my PG&E LANID account was locked out (.1).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/01/19	Draft email to M. Pulivarthi (PG&E) asking him if the Application 2 code base had been recently deployed successfully to DEV Domain1 to assist with analyzing why this code base will not auto-deploy successfully to domain2.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/01/19	Draft email to S. Hunt (PG&E) requesting another working session with R. Muttavarapu (Sudha), R. Jeyarajan , J. Altuna, S. Lam (PG&E) to continue to fine tune the deny rules.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/01/19	Draft email to S. Hunt requesting M. Pulivarthi (PG&E) and M. Rice (KPMG) have another session tomorrow to continue analyzing Application 2 Domain upload failures.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/01/19	Collaborative session regarding FER 102882 by breaking out the Application 3 / Application 4 VIP's in QA with R. Muttavarapu (Sudha), J. Altuna, S. Lam (PG&E).	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/01/19	Technical status, as of 10/01/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
IT Software Services (Phase II)
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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/01/19	Analyzed TCP Dump with Wireshark software / more Application Server domain config files to gain insight into why the Application 2 Domain2 will not receive the code upload via scripting mechanism's that once worked.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/01/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/01/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Matthew Rice	10/01/19	MS Project update: Separated the Application 1 into two applications, per the schedule for better / more accurate tracking capabilities.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/01/19	Collaborative session with R. Muttavarapu (Sudha), R. Jeyarajan, J. Altuna, S. Lam (PG&E) to analyze why the QA Application 5/Application 6 was not accessible, determining that the FER 102628 which is being implemented by S. Lam included web servers that fronted Application 6 and broke the connectivity in OA.	1.8	\$ 225.00	\$ 405.00
Rob Villegas	10/01/19	Technical status, as of 10/01/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rob Villegas	10/01/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/01/19, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	10/01/19	(partial attendance) Brief discussion with A. Nadipally (PG&E) regarding the Application 5 issue where during the logout the user was getting the "No Known federation session to logout or SLO is not configured" error page and this is an intermittent issue.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/01/19	Meeting with R. Villegas, R. Bhaskara, M. Rice (KPMG) regarding current status, next steps, as of 10/01/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/01/19	Investigated the Application 24 Web server issue with L. Milum, J. Altuna (PG&E) to resolve the issue that the log rotation daemon that has crashed, concurrently noting J. Altuna (PG&E) will continue the efforts to fix the log rotation issue.	2.8	\$ 225.00	\$ 630.00
Rohit Nagdeo	10/01/19	A. Fedorova (PG&E Application 12 Team) reported an issue with the Application 12 application in Development environment as Arina was unable to logon to Application 12 application using the external user type credentials.	3.2	\$ 225.00	\$ 720.00
Bhaskara Rama Bhaskara	10/02/19	Email conversation with L. Milum (PG&E) regarding SAML applications external integrations/deployments in DEV environment.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/02/19	Performed installation of PingFederate 9. on virtual machine to configure SSO setup between SAML apps / OpenToken based apps.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/02/19	Technical status, as of 10/02/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), R. Villegas, M. Rice, R. Nagdeo (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/02/19	Performed the validation steps for Remote Desktop access, concurrently analyzing the dependent group / role information.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/02/19	Review the Application 8 deployment steps for QA environment, concurrently noting pending activities that require follow-up with A. Ramakrishnan (PG&E) for TEST environment.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/02/19	Follow-up call with PG&E Teams regarding citrix remote access.	2.2	\$ 225.00	\$ 495.00
Matthew Rice	10/02/19	Draft email chain with A. Nadipally (PG&E) for names of resources that are assisting her with testing so they can be included on a detailed LOOK OUT email.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/02/19	Draft email to S. Hunt and M. Pulivarthi (PG&E) stating that M. Pulivarthi had asked for a meeting for a working session to be made after out Technical call and notifying him that I was still on the WebEx that had been setup by S. Hunt 10/1/19 for 11am-1pm Eastern Time.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/02/19	Draft email to S. Hunt, R. Jeyarajan, A. Saka (PG&E) regarding how to best utilize resources on IST time.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/02/19	Draft email communication to S. Rai and C. Patil (PG&E) requesting R. Bhaskara' and M. Rice's PG&E Lan ID's have Citrix Access.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/02/19	Meeting with R. Nagdeo and R. Villegas (KPMG) regarding current status, next steps, as of 10/02/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/02/19	Communicate via email with M. Pulivarthi and B. Thomas (PG&E) requesting M. Pulivarthi try an alternate host for the Application 2 Domain2 upload.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/02/19	Draft detailed email requesting the KPMG team / PG&E team to be on the lookout for negative connection issues for 3 domains in PG&E test environment / outlining in detail the findings that the 2 hour troubleshooting session for Application 24 revealed earlier.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/02/19	Analyze the Citrix Virtual Desktop issues faced after password was reset earlier today. (.7) Draft email communication to S. Rai, C. Patil, S. Hunt (PG&E) regarding issues. (.1) Discussion with TSC describing the problem, logging in and out, emailing screenshots. (.2)	1.0	\$ 225.00	\$ 225.00

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IT Software Services (Phase II)

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/02/19	Technical status, as of 10/02/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/02/19	Analyzed a second TCP Dump with Wireshark confirming findings from 10/1/19 as the script / command line tool that is failing is sending the TCP RESET packet which is causing the file to not be uploaded successfully to the Application server Domain.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/02/19	Perform research regarding various issues on Application Server Scripting Tool regarding the errors that the Application Server domain is displaying focusing on PG&E specifics.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/02/19	Analyze Application 24 connection reset issue in Test environment with R. Nagdeo (KPMG), L. Milum, S. Lam, J. Altuna (PG&E team).	2.0	\$ 225.00	\$ 450.00
Rob Villegas	10/02/19	Meeting with R. Bhaskara and M. Rice (KPMG) regarding current status, next steps, as of 10/02/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Rob Villegas	10/02/19	Technical status, as of 10/02/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), R. Bhaskara, M. Rice, R. Nagdeo (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/02/19	Meeting with R. Villegas and M. Rice (KPMG) regarding current status, next steps, as of 10/02/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Rohit Nagdeo	10/02/19	Technical status, as of 10/02/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas (PG&E), R. Muttavarapu (Sudha), R. Villegas, M. Rice, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/02/19	Upon receipt of logs from L. Milum (PG&E), review logs to find the potential problem with the Application 24 application intermittent issue, concurrently noting some errors in the logs related to the SSL protocol.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/02/19	Analyze Application 24 connection reset issue in Test environment with M. Rice (KPMG), L. Milum, S. Lam, J. Altuna (PG&E team).	2.0	\$ 225.00	\$ 450.00
Rohit Nagdeo	10/02/19	Investigated the intermittent logout error with Application 5 application, concurrently noting a defect in Application 5 that could be causing the logout error as the Application 5 home page were caching on the browser / when user requested the Application 5 instead of the request being sent to Ping platform for authentication the browser tries to load the application page from the browser cache.	3.4	\$ 225.00	\$ 765.00

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/03/19	Performed the additional testing regarding Application 17 in QA environment for Authentication error screen flow.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/03/19	Session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Nagdeo, M. Rice (KPMG) to review the status of the developers action items.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/03/19	Skype call with R. Nagdeo (KPMG) regarding determination the group / roles to provision the remote desktop access to PG&E.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/03/19	Performed the integration testing for Application 30, concurrently analyzing the Application 6 issues, notifying the Application 6 team to fix the Application 6 issue.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/03/19	Review, as of 10/03/19, the Application 8 DEV / TEST environment set-ups, concurrently following-up with Application teams for pending testing activities.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/03/19	Analyze the authentication errors for Application 13 set-up in PingFederate Logs in DEV.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/03/19	Performed authentication policy configuration for SSO setup between SAML apps / Application 30 in DEV PingFederate environment.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/03/19	Performed unit testing for IDP initiated SAML applications for Kerberos authentication in DEV environment.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/03/19	Draft email to R. Villegas (KPMG) requesting he update a meeting notice with the latest spreadsheet and SharePoint link so that S. Lam and J. Altuna (PG&E) can fill it in during their session.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/03/19	Draft email reply to L. Milum, M. Pulivarthi, B. Thomas, R. Jeyarajan (PG&E), copying R. Nagdeo, R. Bhaskara (KPMG) to outline how to achieve Single Sign-on for the application 31 with the other Customer Facing Web Applications.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/03/19	Draft email to L. Milum (PG&E) with Heartbeat_Tracking.xlsx spreadsheet attached, requesting L. Milum to update it on SharePoint since my remote Citrix access is still not working.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/03/19	Collaborative session with B. Thomas (PG&E) regarding latest findings for Application 2 deployment to Domain2 and the errors that prevent the developers from quickly turning regarding bug fixes, deploying them automatically, testing them.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/03/19	Update the "Heartbeat_Tracking.xlsx" spreadsheet in preparation for working session with S. Lam and J. Altuna (PG&E).	0.3	\$ 225.00	\$ 67.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/03/19	Collaborative session with J. Altuna, S. Lam (PG&E) tasking them with fixing load balancer heartbeat monitoring of web server instances as well as ensuring the load balancing configuration between load balancers are completed.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/03/19	Draft email to J. Altuna, S. Lam, S. Hunt (PG&E), copying R. Villegas (KPMG) to outline the tasks that needed to be accomplished and defined some terms that were in the "Heartbeat_Tracking.xlsx" spreadsheet.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/03/19	Update the "Heartbeat_Tracking.xlsx" spreadsheet after working session with S. Lam and J. Altuna (PG&E).	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/03/19	Call with TSC in order to resolve issue with Citrix Access for my PG&E LANID.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/03/19	Draft email to J. Altuna, S. Lam, S. Hunt (PG&E) copying R. Villegas (KPMG) to outline project level tasks that have not been started or are in need of estimates of level of work.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/03/19	Meeting with R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/03/19, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/03/19	Session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/03/19	MS Project updates: Incorporate new sections for tracking loadbalancer + web server monitoring clean-up activities in all the environments, concurrently splitting up Application 3 into separate line items to allow the project to track status more accurately against Application 3 versus treating it as one huge line item.	3.1	\$ 225.00	\$ 697.50
Rob Villegas	10/03/19	Meeting with R. Nagdeo and M. Rice (KPMG) regarding current status, next steps, as of 10/03/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.3	\$ 225.00	\$ 67.50
Rob Villegas	10/03/19	Update (.4), as of 10/03/19, send project status report to S. Hunt (PG&E) (.1).	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/03/19	Technical Status Call with L. Milum, S. Hunt, M. Pulivarthi, R. Jeyarajan (PG&E) regarding open items as of 10/03/19.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/03/19	Meeting with R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/03/19, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/03/19	Session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Nagdeo, M. Rice (KPMG) to review the status of the developers action items.	0.7	\$ 225.00	\$ 157.50

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/03/19	Skype call with R. Bhaskara (KPMG) regarding determination the group / roles to provision the remote desktop access to PG&E.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/03/19	Collaborative session with M. Pulavarthi, L. Milum, B. Thomas (PG&E) regarding the use case of Application 6 based applications, concurrently updating profile application which will be used by the users to update their personal information.	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	10/03/19	Analyze the Application 24 application intermittent issue that the load balancer also reported an error while establishing the SSL connection with the web server, concurrently determining the solution was to update configuration changes on web server as load balancer server no longer reports the SSL connections error.	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	10/03/19	Continue, from earlier in the day, to analyze the Application 24 application intermittent issue that the load balancer also reported an error while establishing the SSL connection with the web server, concurrently determining the solution was to update configuration changes on web server as loadbalancer server no longer reports the SSL connections error. (2.7) Requesting the Application 24 application to do one round of regression testing. (.1)	2.8	\$ 225.00	\$ 630.00
Bhaskara Rama Bhaskara	10/04/19	Discussion with M. Rice (KPMG) regarding the Application 6 Issues in DEV and why Application 30 has login issues.	0.2	\$ 225.00	\$ 45.00
Bhaskara Rama Bhaskara	10/04/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/04/19, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 225.00	\$ 135.00
Bhaskara Rama Bhaskara	10/04/19	Technical status, as of 10/04/19, session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Villegas, R. Nagdeo, M. Rice (KPMG) to review the status of developers action items in the MS Project Plan. (partial attendance)	0.6	\$ 225.00	\$ 135.00
Bhaskara Rama Bhaskara	10/04/19	Review, concurrently documenting web application Asserter set-up for Application 8 application from DEV environment.	1.1	\$ 225.00	\$ 247.50
Bhaskara Rama Bhaskara	10/04/19	Performed additional integration testing for site-minder protected application 30 in QA environment to gain insight into the SAML configuration requirement.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/04/19	Draft email to L. Milum (PG&E) regarding AD Admin account issues in non-prod environment as L. Milum created work order for re-initiating AD Admin account.	1.8	\$ 225.00	\$ 405.00
Bhaskara Rama Bhaskara	10/04/19	Perform analysis, concurrently configuring changes for SSO setup between application 30 OpenToken app / SAML app in DEV environment.	2.2	\$ 225.00	\$ 495.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/04/19	Discussion with R. Bhaskara (KPMG) regarding the Application 6 Issues in DEV and why Application 30 has login issues.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/04/19	MS Teams chat with M. Pulivarthi, R. Jeyarajan (PG&E) requesting clarification regarding JavaScript Minification and which apps needed to have the task completed.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/04/19	Analyze why PG&E LANID Admin account was not able to login to PingAccess / PingFederate.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/04/19	Penetration testing scope discussion with S. Hunt, D. Orrvick (PG&E), J. Carey, C. Guppy, (Optiv) and R. Villegas (KPMG).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/04/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/04/19, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/04/19	Participated in MS Teams conversation with M. Pulivarthi, R. Jeyarajan, S. Lam (PG&E) focusing on an Application 6 outage that was in DEV and blocking efforts for other tasks.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/04/19	Technical status, as of 10/04/19, session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) to review the status of developers action items in the MS Project Plan. (partial attendance)	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/04/19	Review MS Project for outstanding tasks that are not progressing, concurrently drafting email to S. Hunt (PG&E) copying R. Villegas (KPMG) requesting progress to be made and reported on the various tasks, reminding S. Hunt (PG&E) that several meetings with the team members have not been scheduled yet.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/04/19	Penetration testing conversation with S. Hunt, D. Orrvick (PG&E), Optiv sales / specialists.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/04/19	Update, as of 10/04/19, two separate documents locally regarding the correct recommended JVM settings for PingAccess / PingFederate.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/04/19	MS Project updates: Continue, as of 10/04/19, separating the Application 3 into logical line items for tracking purposes.	1.4	\$ 225.00	\$ 315.00
Rob Villegas	10/04/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/04/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/04/19	Penetration testing scope discussion with S. Hunt, D. Orrvick (PG&E), J. Carey, C. Guppy, (Optiv) and M. Rice (KPMG).	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	10/04/19	Technical status, as of 10/04/19, session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Bhaskara, R. Nagdeo, M. Rice (KPMG) to review the status of developers action items in the MS Project Plan. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/04/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/04/19, to ensure alignment with client priorities based on daily communications regarding same.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/04/19	Technical status, as of 10/04/19, session with S. Hunt, N. Rane, R. Jeyarajan, B. Deutsch, L. Milum, B. Thomas, A. Saka, J. Phillip, N. Sharma (PG&E), R. Bhaskara, R. Villegas, M. Rice (KPMG) to review the status of developers action items in the MS Project Plan. (partial attendance)	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/04/19	Meeting with R. Jayarajan and A. Nadipally (PG&E) to review the Application 6 logout flow as the PG&E team wanted to understand the number of redirects and its purpose during the logout flow.	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	10/04/19	Collaborative session with S. Tang (PG&E) to start the Application 14 application migration from scratch as the Ping platform Application 14 applications are actually a set of 2 application (one each for internal and external users). R. Nagdeo migrated the policies from / created all the policies object in Development environment.	2.0	\$ 225.00	\$ 450.00
Rohit Nagdeo	10/04/19	Continue, from earlier in the day, collaborative session with S. Tang (PG&E) to start the Application 14 application migration from scratch as the Ping platform Application 14 applications are actually a set of 2 application (one each for internal and external users). R. Nagdeo migrated the policies from SiteMinder to the Ping platform / created all the policies object in Development environment.	3.4	\$ 225.00	\$ 765.00
Bhaskara Rama Bhaskara	10/07/19	Meeting with S. Hunt, C. Wong, A. Nadipally (PG&E Customer Care Representative) to discuss high priority items. PG&E attendees: (PG&E), M. Rice (KPMG).	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/07/19	Technical status, as of 10/07/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, S. Modupalli, M. Pulivarthi, B. Deutsch, A. Nadipally (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	0.6	\$ 225.00	\$ 135.00
Bhaskara Rama Bhaskara	10/07/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/07/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/07/19	Performed the SSO testing for SAML application in QA environment.	1.8	\$ 225.00	\$ 405.00

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/07/19	Performing configuration for SSO between Application 30 policy / SAML application urls in DEV environment.	2.0	\$ 225.00	\$ 450.00
Bhaskara Rama Bhaskara	10/07/19	Collaborative session with J. Altuna, S. Lam, M. Pulivarthi (PG&E), R. Nagdeo, M. Rice (KPMG) to analyze multiple issues regarding Application 5 in QA, noting expired certificates and resolving cache settings within web server.	2.3	\$ 225.00	\$ 517.50
Matthew Rice	10/07/19	Draft email to R. Nagdeo copying R. Villegas (KPMG) requesting details regarding the Application 12 Internal / External Virtual IP's.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/07/19	Draft follow-up email with J. Agarwal (PG&E) regarding CCPA Project Plan release schedule to ensure this project accounts for tasks that need to coincide.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/07/19	MS Teams conversation with M. Pulivarthi and S. Lam (PG&E) suggesting load balancer hear theat monitoring should invoke different URL's for health checks of EUM / EIM / Application 6.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/07/19	Draft email to R. Jeyarajan, M. Pulivarthi, J. Altuna, S. Lam (PG&E) requesting S. Lam to work on areas that were blocked now that certificates are expired in QA for Application 5 application Servers.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/07/19	Replied to specific Middleware Operations people as the original email to I. Mohammed, S. Thakur, J. Altuna, S. Hunt, M. Pulivarthi (PG&E) was bounced back due to a security setting on PG&E email server. (The email had a copy of the larger email that was sent previously outlining the next steps.)	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/07/19	MS Teams conversation with L. Milum (PG&E) regarding M. Rice's (KPMG) admin account and the lack of access to PingAccess / PingFederate in DEV / TEST / QA.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/07/19	Draft email to J. Altuna, L. Milum, M. Pulivarthi, S. Hunt (PG&E), R. Villegas, R. Nagdeo (KPMG) detailing the QA / PROD Application server instances that have or will have expired certificates.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/07/19	Draft email to S. Hunt, P. Dang, C. Ray, S. Collins, A. Wortman, R. Bakousseva, T. Browne, M. Pulivarthi, T. Wuttke, J. Yip, S. Mohapatra, L. Milum, J. Altuna (PG&E), (Middleware Operations), R. Villegas (KPMG) asking if there is a use case that requires Entrust CA signed certificates for Application server servers, which was found earlier today.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/07/19	Meeting with S. Hunt, C. Wong, A. Nadipally (PG&E Customer Care Representative) to discuss high priority items. PG&E attendees: (PG&E), R. Bhaskara (KPMG).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/07/19	MS Project updates, as of 10/07/19, regarding end of the day status from PG&E testing team.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/07/19	Technical status, as of 10/07/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, S. Modupalli, M. Pulivarthi, B. Deutsch, A. Nadipally (PG&E), R. Muttavarapu (Sudha), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/07/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/07/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/07/19	Resource allocation meeting with S. Hunt, R. Jeyarajan, M. Pulivarthi (PG&E), R. Villegas (KPMG) regarding how to best utilize the two resources that the project has acquired moving forward.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/07/19	Collaborative session with J. Altuna, S. Lam, M. Pulivarthi (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to analyze multiple issues regarding Application 5 in QA, noting expired certificates and resolving cache settings within web server.	2.3	\$ 225.00	\$ 517.50
Rob Villegas	10/07/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/07/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/07/19	Resource allocation meeting with S. Hunt, R. Jeyarajan, M. Pulivarthi (PG&E), M. Rice (KPMG) regarding how to best utilize the two resources that the project has acquired moving forward. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/07/19	Technical status, as of 10/07/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, S. Modupalli, M. Pulivarthi, B. Deutsch, A. Nadipally (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/07/19	Discussion with L. Milum (PG&E) to determine how to prepare the migration of the Application 12 application migration to the Test environment.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/07/19	Technical status, as of 10/07/19, session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, S. Modupalli, M. Pulivarthi, B. Deutsch, A. Nadipally (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Villegas, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/07/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/07/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/07/19	Collaborative session with J. Altuna, S. Lam, M. Pulivarthi (PG&E), R. Bhaskara, M. Rice (KPMG) to analyze multiple issues regarding Application 5 in QA, noting expired certificates and resolving cache settings within web server.	2.3	\$ 225.00	\$ 517.50
Rohit Nagdeo	10/07/19	After receiving a notification regarding a defect on the Ping Logout process where the server name was visible on a transient page during the logout flow from R. Jayarajan and A. Nadipally (PG&E), customize the transient page, concurrently removing the sensitive information.	3.7	\$ 225.00	\$ 832.50
Bhaskara Rama Bhaskara	10/08/19	Skype meeting with M. Rice (KPMG) regarding details for email to PG&E Application 30 team lead asking for feedback / overall correctness of email contents.	0.2	\$ 225.00	\$ 45.00
Bhaskara Rama Bhaskara	10/08/19	Meeting with M. Rice and R. Villegas (KPMG) regarding current status, next steps, as of 10/08/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/08/19	Performed testing for Application 5 in TEST environment as part of Application 6 token validations requests in TEST.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/08/19	Technical status, as of 10/08/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Villegas, M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/08/19	Performed the validation testing for Application 17 application to note any impacts from Application 30 DNS changes in QA environment as the Application 17 application functionality was working fine through Application 30 it was switched back to SiteMinder protection.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/08/19	Continue, as of 10/08/19, the configuration changes for SSO setup between OpenToken adapter based application with SAML applications in DEV environment.	1.6	\$ 225.00	\$ 360.00
Bhaskara Rama Bhaskara	10/08/19	Review, concurrently performing unit testing for Application 8 application setup in DEV environment. (1.7) Discussion with A. Ramakrishnan (PG&E) for clarifications regarding the Application 8 application. (.3)	2.0	\$ 225.00	\$ 450.00
Matthew Rice	10/08/19	Draft email reply to J. Paul (PG&E) regarding a test that failed after the Application 6 JavaScript code was redeployed after "minification" occurred.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/08/19	Draft email to I. Mohammed, C. Subhasis, S. Thakur, J. Altuna (PG&E) to thank them for the quick resolution to fixing the Application server Server certificates that were found to be expired on 10/5/19.	0.2	\$ 225.00	\$ 45.00

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IT Software Services (Phase II)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/08/19	Draft email to S. Chiu, B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan (PG&E), R. Bhaskara (KPMG) requesting assistance with regression testing.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/08/19	Skype meeting with R. Bhaskara (KPMG) regarding details for email to PG&E Application 30 team lead asking for feedback / overall correctness of email contents.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/08/19	Draft email reply to S. Hunt, P. Dang, C. Ray, S. Collins, A. Wortman, R. Bakousseva, T. Browne, M. Pulivarthi, T. Wuttke, J. Yip, S. Mohapatra, L. Milum, J. Altuna (PG&E), Middleware Operations, R. Villegas (KPMG) to update the business owners of applications affected in QA by the Application server Server certificates expiring giving them a play-by-play update as well as copying the email reply from earlier to help bridge the learning gap.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/08/19	Draft email to B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan (PG&E) and R. Bhaskara (KPMG) to provide more details regarding the regression testing on SiteMinder and asking for assistance from the team.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/08/19	MS Teams message with M. Pulivarthi, R. Jeyarajan (PG&E), R. Nagdeo (KPMG) regarding status of the Application 5 in QA after the certificates were resigned / fixed.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/08/19	MS Teams conversation with R. Jeyarajan (PG&E) regarding next steps for Application 2 and concerns with the rate at which defects are being resolved.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/08/19	Enable Admin account as it was disabled when regular LAN ID account was back on 10/1/19.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/08/19	Meeting with R. Bhaskara and R. Villegas (KPMG) regarding current status, next steps, as of 10/08/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/08/19	Technical status, as of 10/08/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/08/19	Collaborative session with the PG&E TSC as well as L. Milum (PG&E) to resolve the Admin account access which had been disabled / not successfully unlocked until late 10/8/19.	2.3	\$ 225.00	\$ 517.50
Rob Villegas	10/08/19	Meeting with R. Bhaskara and M. Rice (KPMG) regarding current status, next steps, as of 10/08/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	10/08/19	Technical status, as of 10/08/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Bhaskara, M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/08/19	Draft am email to S. Hunt (PG&E) after collating the information related to the network change required to move the application from loadbalancer / including the domain name changes in the Application 12 QA URL.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/08/19	Technical status, as of 10/08/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Villegas, R. Bhaskara, M. Rice (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/08/19	Created the Application 12-Internal application Deployment Guide.	1.7	\$ 225.00	\$ 382.50
Rohit Nagdeo	10/08/19	After S. Tang' (PG&E) report of an error with the Application 14 external application, analyzed the issue, however the root cause was still unknown.	1.9	\$ 225.00	\$ 427.50
Rohit Nagdeo	10/08/19	Continue, from earlier in the day, to create the Application 12-Internal application Deployment Guide.	2.7	\$ 225.00	\$ 607.50
Bhaskara Rama Bhaskara	10/09/19	Skype conversation with M. Rice (KPMG) regarding PG&E contacts that needed to be on an email as well as the content of the email.	0.2	\$ 225.00	\$ 45.00
Bhaskara Rama Bhaskara	10/09/19	Collaborative screen share session with R. Nagdeo(KPMG) to analyze the ping logo issue in logout redirection page which R. Nagdeo fixed and R. Bhaskara tested in the TEST environment.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/09/19	Documenting Application 8 Deployment Guide for PAPM policy changes for QA environment.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/09/19	Meeting with R. Nagdeo, M. Rice, R. Villegas (KPMG) to discuss Application 30, Application 14 testing timelines.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/09/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/09/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/09/19	Technical status, as of 10/09/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E) R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/09/19	Meeting with B. Thomas (PG&E) for troubleshooting Application 30 SiteMinder login issues with user ids that B. Thomas provided previously for Testing purpose in QA environment.	1.3	\$ 225.00	\$ 292.50

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama	10/09/19	Analyzed SSO issue with SAML applications for	1.8	\$ 225.00	\$ 405.00
Bhaskara		OpenToken based adapter in DEV environment.			
Matthew Rice	10/09/19	Call with A. Gutierrez (PG&E) regarding a new	0.1	\$ 225.00	\$ 22.50
		Virtual Environment that was created today, even			
		though the request was fulfilled last week.			
Matthew Rice	10/09/19	Draft email response to A. Nadipally (PG&E)	0.1	\$ 225.00	\$ 22.50
		thanking her for the status regarding the Application 5			
		regression testing for 10/9/19.			
Matthew Rice	10/09/19	Draft email to A. Saka, N. Sharma, M. Pulivarthi	0.1	\$ 225.00	\$ 22.50
		(PG&E) copying R. Jeyarajan , S. Hunt (PG&E) as			
		well as R. Villegas, R. Nagdeo (KPMG) requesting a			
		time frame regarding when N. Sharma would be			
		available to assist with PG&E.com mapping			
		applications.			
Matthew Rice	10/09/19	Draft email to C. Subhasis, B. Thomas, L. Milum, J.	0.1	\$ 225.00	\$ 22.50
		Altuna, M. Pulivarthi, A. Nadipally, S. Hunt (PG&E),			
		R. Villegas, R. Nagdeo (KPMG) to state again that			
		the QA certificates were updated on the Application			
		server Server cluster that Application 5 (Application			
		5) and other applications were deployed to clear up a			
		few misconceptions.			
Matthew Rice	10/09/19	Draft email response to P. Yandapalli, A. Sharma, S.	0.2	\$ 225.00	\$ 45.00
		Hunt, L. Milum, M. Banerjee, R. Antony, S. Lam, J.			
		Altuna, G. Nagothu, S. Yue (PG&E), copying R.			
		Nagdeo and R. Villegas (KPMG) regarding			
		Application 24 regression testing, specifically after the			
		team found some web server configuration issues that			
		may have caused some disruption to the application as			
		well as providing bullet points for areas to capture			
		when and if the intermittent problems arise again.			
Matthew Rice	10/09/19	Draft email to S. Lam (PG&E) with a list of tasks to	0.2	\$ 225.00	\$ 45.00
		complete for the QA regarding the www3qa VIP as he			
		has a small window of time that the Application 5			
		testers are giving him to complete the tasks and the list			
		will provide focus for him.			
Matthew Rice	10/09/19	Draft email with A. Nadipally, M. Pulivarthi (PG&E),	0.2	\$ 225.00	\$ 45.00
		copying R. Jeyarajan, S. Hunt (PG&E), R. Villegas			
		(KPMG) regarding a defect for the Application 6 that			
		seems to have fallen through the cracks and requesting			
		the status as we haven't discussed it in our Technical			
		calls for some time.			
Matthew Rice	10/09/19	MS Teams conversation with A. Nadipally and M.	0.2	\$ 225.00	\$ 45.00
		Pulivarthi (PG&E) regarding defect testing for			
		Application 5 (Application 5).			
Matthew Rice	10/09/19	MS Teams messages to B. Deutsch (PG&E)	0.2	\$ 225.00	\$ 45.00
		requesting clarification regarding how Application 16			
		has integrated with API Gateway.			
Matthew Rice	10/09/19	Skype conversation with R. Bhaskara (KPMG)	0.2	\$ 225.00	\$ 45.00
		regarding PG&E contacts that needed to be on an			
		email as well as the content of the email.			

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/09/19	After voicemail from S. Rai (PG&E), noted items that needed additional clarification, concurrently logging back onto PG&E Citrix and replying via email regarding the questions / areas of concern to be repeated as the voicemail recording was a bit broken.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/09/19	Draft email to S. Rai, S. Hunt (PG&E), R. Villegas (KPMG) explaining in detail why a full PENetration testing of Application 6 (and Application 5) are recommended.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/09/19	MS Teams / phone call with B. Thomas (PG&E) regarding two points of contact for follow-up with stakeholders for mapping applications on PG&E.com that would be affected by DNS update. (.2) Draft an email to C. Bell and J. Altuna (PG&E New Resources), C. Wong, B. Thomas (PG&E) with all the former email communication. (.2)	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/09/19	Draft email to M. Acharya, B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan, M. Rajaperumal, K. Anandthan, A. Gogerman, S. Chiu (PG&E), R. Villegas and R. Bhaskara (KPMG) requesting details regarding when they would be available to assist with regression testing the current SiteMinder integration as well as the Ping platform integration.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/09/19	Correspondence with A. Cairney (PG&E) regarding timelines / applications affected by Time of Use Commercial project as there are 3 other projects that are being migrated along with the Time of Use Commercial project.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/09/19	Touch base meeting with S. Rai, S. Hunt, L. Deanda (PG&E), R. Villegas (KPMG) to allow the team to update management regarding any road blocks and next steps for the month.	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/09/19	Created test case to be used as a validation that Application 5 is still working after changes are made for S. Lam (PG&E) (.7) and draft email with it to him (.1).	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/09/19	Meeting with R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) to discuss Application 30, Application 14 testing timelines.	0.9	\$ 225.00	\$ 202.50
Matthew Rice	10/09/19	Collaborative session with S. Hunt (PG&E), R. Villegas (KPMG) to detail an email / PowerPoint slide for upper management to understand areas of risks, plans for deployment, next steps for MAP Audit requirement.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/09/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/09/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/09/19	Technical status, as of 10/09/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E) R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rob Villegas	10/09/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/09/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/09/19	Touch base meeting with S. Rai, S. Hunt, L. Deanda (PG&E), M. Rice (KPMG) to allow the team to update management regarding any road blocks and next steps for the month.	0.6	\$ 225.00	\$ 135.00
Rob Villegas	10/09/19	Meeting with R. Nagdeo, R. Bhaskara, M. Rice (KPMG) to discuss Application 30, Application 14 testing timelines.	0.9	\$ 225.00	\$ 202.50
Rob Villegas	10/09/19	Collaborative session with S. Hunt (PG&E), M. Rice (KPMG) to detail an email / PowerPoint slide for upper management to understand areas of risks, plans for deployment, next steps for MAP Audit requirement.	1.0	\$ 225.00	\$ 225.00
Rob Villegas	10/09/19	Technical status, as of 10/09/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E) R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/09/19	Respond to email communication from P. Yandapalli (PG&E) explaining what has been done to fix the issue in Application 24 test environment and Action item.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/09/19	Collaborative screen share session with R. Nagdeo(KPMG) to analyze the ping logo issue in logout redirection page which R. Nagdeo fixed and R. Bhaskara tested in the TEST environment.	0.9	\$ 225.00	\$ 202.50
Rohit Nagdeo	10/09/19	Meeting with M. Rice, R. Bhaskara, R. Villegas (KPMG) to discuss Application 30, Application 14 testing timelines.	0.9	\$ 225.00	\$ 202.50
Rohit Nagdeo	10/09/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/09/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/09/19	Technical status, as of 10/09/19, session with R. Jeyarajan, J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E) R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/09/19	Created the Application 12-External Deployment Guide.	3.7	\$ 225.00	\$ 832.50

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/10/19	DNS call with S. Lam, B. Thomas, B. Carey, L. Milum, S. Hunt (PG&E), R. Villegas, M. Rice and R. Nagdeo (KPMG) to identify all the stake holders and to agree on the next steps for DNS changes for Application 30.com in prod environment.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/10/19	Technical status & working session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG) to review the status of developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/10/19	Analyze the PG&E logo issue in logout screen caching issues in Chrome browsers for Application 18 application.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/10/19	Meeting with R. Villegas and M. Rice (KPMG) regarding current status, next steps, as of 10/10/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/10/19	Performed additional testing for Kerberos access for Application 8 application in TEST environment.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/10/19	Review, concurrently following-up over email / Microsoft Teams with L. Milum (PG&E) for Retirees and External Employee access functionality for Application 30 in QA environment.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/10/19	Continue, as of 10/10/18, to analyze SSO issue between SAML application / OpenToken adapter application in DEV environment, concurrently reviewing the log entries for authentication errors and identifying the required changes for authentication policy in DEV environment.	2.2	\$ 225.00	\$ 495.00
Matthew Rice	10/10/19	Draft email reply to S. Rai (PG&E) requesting confirmation regarding the response that M. Rice (myself/KPMG) gave to help clarify why PENetration testing was needed for Application 5 / Application 6 before going to PROD.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/10/19	Draft email response to L. Milum, A. Chauhan, A. Nadipally, S. Radhamany, N. Dsouza, R. Jeyarajan , M. Pulivarthi (PG&E), R. Nagdeo, R. Bhaskara (KPMG) as L. Milum (PG&E) sent an email to the KPMG team notifying us of a patching schedule that she came across that will affect Ping and ODSEE servers.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/10/19	Draft email response to S. Batchu (PG&E) asking him to join after his PSPS (Power Shutoff).	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/10/19	Draft email to B. Thomas, S. Hunt (PG&E), copying R. Villegas (KPMG) requesting B. Thomas to set-up a quick 30 minute call with PG&E people to get to the bottom of who needs to be contacts regarding the Application 30.PG&E.com VIP being migrated from A10 to load balancer in PROD.	0.1	\$ 225.00	\$ 22.50

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Matthew Rice	10/10/19	Reply to email from N. Sharma (PG&E), copying / adding R. Nagdeo (KPMG), R. Jeyarajan , M. Pulivarthi (PG&E) to highlight the actions needed to complete the mapping applications on PG&E.com which is another set of applications that need to be on-boarded.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/10/19	Draft email requesting assistance for planning the Application 30 testing from B. Thomas, L. Milum, S. Hunt (PG&E Team Members), R. Bhaskara, R. Villegas (KPMG Team Members).	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/10/19	Draft email to S. Hunt, C. Kalakota, K. Visram, C. Bell, T. Yuen, S. Tang, G. Ruffner, O. Trinko, S. Hunt, L. Milum, Lee B. Thomas (PG&E), R. Villegas, R. Bhaskara (KPMG) requesting a meeting with relevant PG&E and KPMG people to nail down next steps for DNS changes regarding Application 30.PG&E.com in PROD.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/10/19	Follow up MS Teams conversations with S. Lam (PG&E) regarding heartbeat monitoring for www3qa VIP in QA.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/10/19	Crafted email to K. Visram, C. Kalakota, C. Bell, T. Yuen, S. Tang, L. Milum, S. Hunt, B. Thomas (PG&E Stakeholders) identified in meeting with PG&E, R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to determine the next steps for the Application 30.PG&E.com DNS entry change.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/10/19	DNS call with S. Lam, B. Thomas, B. Carey, L. Milum, S. Hunt (PG&E), R. Villegas, R. Bhaskara and R. Nagdeo (KPMG) to identify all the stake holders and to agree on the next steps for DNS changes for Application 30.com in prod environment.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/10/19	MS Teams chats / multiple email communication with S. Hunt (PG&E) to get a meeting on books with PG&E development.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/10/19	Incorporate additional fields to track whether heartbeat monitoring for load balancer of web server instances was successfully completed / verified. (.5) Incorporate new file to SharePoint. (.1) Multiple MS Teams conversations with J. Altuna and S. Lam (PG&E) regarding how to work with the new format and what constitutes completeness. (.2)	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/10/19	Technical status & working session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Bhaskara, R. Nagdeo (KPMG) to review the status of developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/10/19	Meeting with R. Villegas and R. Bhaskara (KPMG) regarding current status, next steps, as of 10/10/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/10/19	MS Project updates: Incorporate more details for Application 1 / export My Data defects. (1.2)	3.2	\$ 225.00	\$ 720.00
		Continue, as of 10/10/18, to develop the project to include / track necessary items (2.0).			
Rob Villegas	10/10/19	DNS call with S. Lam, B. Thomas, B. Carey, L. Milum, S. Hunt (PG&E), R. Bhaskara, M. Rice and R. Nagdeo (KPMG) to identify all the stake holders and to agree on the next steps for DNS changes for Application 30.com in prod environment.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/10/19	Meeting with R. Bhaskara and M. Rice (KPMG) regarding current status, next steps, as of 10/10/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/10/19	Update (.4), as of 10/10/19, send project status report to S. Hunt (PG&E) (.1).	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/10/19	DNS call with S. Lam, B. Thomas, B. Carey, L. Milum, S. Hunt (PG&E), R. Villegas, M. Rice and R. Bhaskara (KPMG) to identify all the stake holders and to agree on the next steps for DNS changes for Application 30.com in prod environment.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/10/19	Technical status & working session with R. Jeyarajan , J. Altuna, S. Lam, L. Milum, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Rohit Nagdeo	10/10/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/10/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/10/19	Continue, as of 10/10/19, to draft the Application 12 - external Deployment Guide, concurrently incorporating into to the PG&E SharePoint.	2.5	\$ 225.00	\$ 562.50
Rohit Nagdeo	10/10/19	Update, as of 10/10/18, the PG&E Infrastructure setup guide with L. Milum's (PG&E) shared review comments.	3.2	\$ 225.00	\$ 720.00
Bhaskara Rama Bhaskara	10/11/19	Communication with M. Rice (KPMG) regarding Application 8 PingAsserter / providing installation steps for the Application server server.	0.4	\$ 225.00	\$ 90.00
Bhaskara Rama Bhaskara	10/11/19	WebEx conversation with B. Thomas (PG&E) regarding External Employee access for Application 30 in QA environment.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/11/19	Technical status, as of 10/11/19, session with S. Hunt, R. Jeyarajan, M. Pulivarthi, J. Altuna, S. Lam, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/11/19	Review, concurrently updating Authentication Policy configurations for SSO between OpenToken adapter applications / SAML protected applications in DEV.	1.2	\$ 225.00	\$ 270.00

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Case No. 19-30088

IT Software Services (Phase II)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/11/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/11/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/11/19	Perform the additional testing for Application 30 external access, concurrently confirming B. Thomas (PG&E) SiteMinder protected url returning Ping protected Logout url in QA environment.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/11/19	Documented deployment steps for Application 8 application for QA environment for PAPM Tool.	1.9	\$ 225.00	\$ 427.50
Matthew Rice	10/11/19	Draft email to S. Hunt, S. Haines, M. Almaguer, S. Mehrotra, R. Fryer (PG&E), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) requesting a meeting with Application 5 team members and Director to drive to completion the tasks that need to be finalized before going to PROD.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/11/19	Draft email reply to M. Acharya, B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan , M. Rajaperumal, K. Anandthan, A. Gogerman, S. Chiu (PG&E Application 30 Testing Team), R. Villegas and R. Bhaskara (KPMG) requesting start dates and efforts regarding regression testing in QA for SiteMinder protected version as this will give us a baseline before trying to migrate Ping code.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/11/19	MS Teams / email reply to M. Acharya, B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan , M. Rajaperumal, K. Anandthan, A. Gogerman, S. Chiu (PG&E), R. Villegas and R. Bhaskara (KPMG) regarding error that M. Acharya found on the Application 30 and requested B. Thomas and L. Milum (PG&E) to take up the lead on this.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/11/19	Facilitate a MS Teams conversation between B. Thomas and M. Acharya (PG&E) to analyze the Application 30 Application 30 in QA on SiteMinder login problems.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/11/19	MS Teams / email to S. Tang, S. Hunt (PG&E), R. Nagdeo, M. Rice (KPMG) requesting more individuals that may need to be present in the discussions for the Application 30.PG&E.com DNS change and how it may affect users.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/11/19	MS Teams chat / call with S. Hunt (PG&E) regarding clarification of Application 5 versus Application 17/Application 30/Application 14 email threads.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/11/19	MS Project updates with status that came in from PG&E testing and development throughout the day.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/11/19	Technical status, as of 10/11/19, session with S. Hunt, R. Jeyarajan, M. Pulivarthi, J. Altuna, S. Lam, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/11/19	Collaborative session to analyze the Application Submission issue that has been open for 3+ weeks with S. Batchu (KPMG), solving for the reason why the problem existed in one environment versus the other.	1.1	\$ 225.00	\$ 247.50
Matthew Rice	10/11/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/11/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Matthew Rice	10/11/19	Continue, from earlier in the day, collaborative session to analyze the Application Submission issue that has been open for 3+ weeks with S. Batchu (KPMG), solving for the reason why the problem existed in one environment versus the other and updated S. Hunt (PG&E Management), R. Villegas (KPMG), R. Jeyarajan, M. Pulivarthi (PG&E Developers).	3.1	\$ 225.00	\$ 697.50
Rob Villegas	10/11/19	Technical Status Call with L. Milum, M. Pulivarthi, R. Jeyarajan, B. Thomas (PG&E) and M. Rice, R. Bhaskara, R. Nagdeo (KPMG).	0.9	\$ 225.00	\$ 202.50
Rob Villegas	10/11/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/11/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/11/19	Technical status, as of 10/11/19, session with S. Hunt, R. Jeyarajan, M. Pulivarthi, J. Altuna, S. Lam, B. Thomas, S. Modupalli (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/11/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/11/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/11/19	Collaborative session with J. Altuna (PG&E Middleware operations engineer) to investigate the Application 14 external application issue as the problem seems to be on the web server server, however the server is still running, the issue is still unknown.	2.3	\$ 225.00	\$ 517.50

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/11/19	Continue, from earlier in the day, collaborative session with J. Altuna (PG&E Middleware operations engineer) to investigate the Application 14 external application issue as the problem seems to be on the web server server, however the server is still running, the issue is still unknown and it was decided to bring S. Lam (PG&E) into the investigation review from the load balancer perspective.	3.4	\$ 225.00	\$ 765.00
Bhaskara Rama Bhaskara	10/14/19	Meeting with S. Modupalli (PG&E) regarding Application 13 set-up in DEV environment over Microsoft Teams.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/14/19	Meeting with R. Bhaskara (KPMG) regarding SAML application authentication source related issue debugging in DEV environment.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/14/19	Performed analysis regarding Application name issue for Application 13's OpenToken configuration in PingFederate DEV environment.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/14/19	Review the Application 8 configuration in DEV / TEST, concurrently compiling the hostnames (.6) and draft email to J. Altuna (PG&E) regarding identification of current status from QA environment.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/14/19	Analyzed SAML SSO issues for SAML apps in DEV environment.	1.1	\$ 225.00	\$ 247.50
Bhaskara Rama Bhaskara	10/14/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/14/19, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/14/19	Technical status, as of 10/14/19, session with M. Pulivarthi, R. Jeyarajan, B. Deutsch, J. Altuna, L. Milum, S. Lam, B. Thomas, N. Sharma (PG&E), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/14/19	Draft email to M. Acharya, B. Thomas, L. Milum, A. Nadipally, S. Hunt, M. Pulivarthi, R. Jeyarajan, M. Rajaperumal, K. Anandthan, A. Gogerman, S. Chiu (PG&E), R. Villegas and R. Bhaskara (KPMG) requesting updated status for Application 30 link testing in QA.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/14/19	Draft email to A. Nadipally, L. Milum, A. Nadipally, R. Jeyarajan, B. Thomas, M. Pulivarthi, N. Dsouza, S. Radhamany, J. Paul, S. Hunt (PG&E), R. Nagdeo (KPMG) requesting A. Nadipally verify defect 928 in PROD against SiteMinder to see if it's truly an issue.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/14/19	PG&E.com mapping applications touch base meeting with N. Sharma, S. Hunt (PG&E), R. Nagdeo (KPMG) to update the project plan with some tentative dates to get the work done.	0.6	\$ 225.00	\$ 135.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/14/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/14/19, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/14/19	Recreate a redirection issue that I outlined in multiple email communication to J. Phillip (PG&E)(1.0) and MS Teams conversations back and forth regarding details with J. Phillip (PG&E). (.2)	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/14/19	Technical status, as of 10/14/19, session with M. Pulivarthi, R. Jeyarajan, B. Deutsch, J. Altuna, L. Milum, S. Lam, B. Thomas, N. Sharma (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/14/19	Resolve Citrix receiver issues with web / local desktop version by uninstalling version / reinstalling.	1.7	\$ 225.00	\$ 382.50
Matthew Rice	10/14/19	Prepare a skeleton document for KPMG to fill in that will serve as a reference point for the customized work that KPMG has done as well as educate PG&E what needs to occur in the future when the PingAccess / PingFederate software binaries are updated.	1.9	\$ 225.00	\$ 427.50
Rob Villegas	10/14/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/14/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/14/19	PG&E.com mapping applications touch base meeting with N. Sharma, S. Hunt (PG&E), M. Rice (KPMG) to update the project plan with some tentative dates to get the work done.	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/14/19	Meeting with R. Nagdeo (KPMG) regarding SAML application authentication source related issue debugging in DEV environment.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/14/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/14/19, to ensure alignment with client priorities based on daily communications regarding same.	1.2	\$ 225.00	\$ 270.00
Rohit Nagdeo	10/14/19	Technical status, as of 10/14/19, session with M. Pulivarthi, R. Jeyarajan, B. Deutsch, J. Altuna, L. Milum, S. Lam, B. Thomas, N. Sharma (PG&E), R. Bhaskara, M. Rice (KPMG) to review the status of the developers action items in the MS Project Plan.	1.4	\$ 225.00	\$ 315.00
Rohit Nagdeo	10/14/19	Collaborative session with M. Carter, S. Lam, J. Altuna (PG&E) for the DNS / load balancer changes required for the Application 12 application in Test environment.	1.6	\$ 225.00	\$ 360.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/14/19	Review error logs in preparation for collaborative session (.3) Collaborative analyzing session regarding Application 14 application with J. Alutna and L. Milum (PG&E) to resolve reasons for error logs from the web server server. (2.1)	2.4	\$ 225.00	\$ 540.00
Bhaskara Rama Bhaskara	10/15/19	Application 30 External Testing WebEx meeting with M. Acharya, B. Thomas (PG&E), R. Bhaskara (KPMG) for R. Bhaskara and B. Thomas to clarify the Testing Requirements to M. Acharya.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/15/19	Technical status, as of 10/15/19, session with R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Deutsch, A. Nadippy, S. Modupalli (PG&E), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/15/19	Performed the additional testing for Application 8 in TEST environment (.8) and draft email to A. Ramakrishnan (PG&E) to find out the dependency of the Third party application (.2).	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/15/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/15/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/15/19	Analyze PAPM issues in DEV / QA with R. Nagdeo, R. Bhaskara (KPMG) (1.2) Discussion with L. Milum (PG&E) R. Nagdeo, M. Rice (KPMG) via WebEx to discuss findings and how to proceed. (.3)	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/15/19	Performed the testing for Application 13 (1.5) and draft email to S. Modupalli (PG&E) regarding Single Logout Issues from application side (.1).	1.6	\$ 225.00	\$ 360.00
Bhaskara Rama Bhaskara	10/15/19	Performed configuration changes for Application 30 Authentication policy for SSO for SAML applications in DEV environment.	1.7	\$ 225.00	\$ 382.50
Matthew Rice	10/15/19	Draft email reply to A. Nadipally, M. Pulivarthi, R. Jeyarajan , S. Hunt, B. Thomas, L. Milum, S. Radhamany, N. Dsouza, J. Paul (PG&E) calling attention to B. Thomas to provide insight to proposed solution and M. Pulivarthi to provide estimates of time to turn implementation regarding.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/15/19	Draft email to S. Hunt, A. Nadipally, M. Pulivarthi, R. Jeyarajan , S. Radhamany, N. Dsouza, J. Paul (PG&E) Relevant Testing and Development Team Members), R. Villegas (KPMG) regarding the location of the spreadsheet on the SharePoint.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/15/19	Draft email summarizing the Application 5 call and the points learned to S. Hunt, B. Thomas, M. Pulivarthi (PG&E), R. Villegas, R. Nagdeo (KPMG).	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/15/19	Call with M. Gomez and R. Villegas (KPMG) to review timeline and possible extension.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/15/19	Debug session with S. Batchu, J. Altuna (PG&E) regarding why CCO Application 2 was not deploying / starting in Domain2 in TEST, determining that J. Altuna had set-up node managers for this domain last night, 10/14/19, after M. Rice (KPMG) had requested, noting that the DEV Domain2 has arguments that were not moved over to the TEST domain, resolved by requesting J. Altuna update the TEST Domain2 accordingly.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/15/19	Introduction email regarding PG&E mapping applications, outlining people introductions, roles, background / purpose of project, areas that need to be considered for testing, to get everyone on the same page to J. Paul, N. Sharma, L. Milum, S. Hunt, A. Nadipally, N. Alluri, A. Saka, (PG&E) R. Villegas, R. Nagdeo (KPMG).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/15/19	Meeting with B. Thomas, M. Pulivarthi, S. Mehrotra, S. Hunt (PG&E), R. Nagdeo (KPMG) to discuss outage process and UAT testing process for Application 5 (Application 5).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/15/19	Technical status, as of 10/15/19, session with R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Deutsch, A. Nadipally, S. Modupalli (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/15/19	MS Teams conversation with J. Altuna and S. Batchu (PG&E) to explain what was needed for J. Altuna to do to keep on the timeline.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/15/19	MS Project updates, as of 10/15/19, regarding shared timelines for two other projects that are deploying to QA / PROD in the next few weeks: California Consumer Privacy Act (CCPA) and Time of Use Commercial (TOUC) projects.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/15/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/15/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Matthew Rice	10/15/19	Analyze PAPM issues in DEV / QA with R. Nagdeo, R. Bhaskara (KPMG) (1.2) Discussion with L. Milum (PG&E) R. Nagdeo, R. Bhaskara (KPMG) via WebEx to discuss findings and how to proceed. (.3)	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/15/19	Prepare spreadsheet of known defects provided by PG&E testing team to track the defects as well as for the developers to review the defects / determine if they are true defects that need to be worked or can be put off for a later time.	1.8	\$ 225.00	\$ 405.00
Rob Villegas	10/15/19	Call with M. Gomez and M. Rice (KPMG) to review timeline and possible extension	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	10/15/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/15/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/15/19	Meeting with B. Thomas, M. Pulivarthi, S. Mehrotra, S. Hunt (PG&E), M. Rice (KPMG) to discuss outage process and UAT testing process for Application 5 (Application 5).	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/15/19	Technical status, as of 10/15/19, session with R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Deutsch, A. Nadippy, S. Modupalli (PG&E), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/15/19	Email conversation with S. Tang (PG&E) from the Application 14 application regarding the update of the application architecture / high level design documents.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/15/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/15/19, to ensure alignment with client priorities based on daily communications regarding same.	1.3	\$ 225.00	\$ 292.50
Rohit Nagdeo	10/15/19	Analyze PAPM issues in DEV / QA with R. Nagdeo, R. Bhaskara (KPMG) (1.2) Discussion with L. Milum (PG&E) M. Rice, R. Bhaskara (KPMG) via WebEx to discuss findings and how to proceed. (.3)	1.5	\$ 225.00	\$ 337.50
Rohit Nagdeo	10/15/19	Migrated the Application 12 Internal / External application in Test environment to Ping platform.	3.5	\$ 225.00	\$ 787.50
Bhaskara Rama Bhaskara	10/16/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/16/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/16/19	Review the application set-up in QA environment, concurrently noting required changes for PingMigration.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/16/19	Performed the testing for Application 13 application after S. Modupalli (PG&E) fixed the password issue for Application 13 in DEV environment.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/16/19	Meeting with S. Hunt, C. Kalakota, K. Visram, C. Bell, T. Yuen, S. Tang, G. Ruffner, O. Trinko, S. Lam, D. Rocksvold, B. Keane, M. Gonzales, S. Lim, D. Aguilar, S. Moorlegghen, L. Milum (PG&E Stakeholders for Application 17, Application 14, Application 30, PG&E.com Mapping Applications), R. Nagdeo, M. Rice (KPMG) to determine a plan moving forward and agree on a date for the DNS change to be made for Application 30.PG&E.com in PROD as this DNS change would update from old load balancers to new load balancers and pave the way to migrate these applications to the Ping platform in coming months.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/16/19	Single Sign on Test cases meeting with B. Thomas, L. Milum, M. Acharya (PG&E) and R. Bhaskara (KPMG) to review the testing procedure while M. Acharya ran the test cases.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/16/19	Technical status, as of 10/16/19, session with S. Hunt, R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Bhaskara Rama Bhaskara	10/16/19	Review the J. Altuna (PG&E) email communication, concurrently capturing the screenshots for preparing the Ping Asserter installation guide for Application 8.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/16/19	Perform the testing in DEV environment for sso setup for SuccessFactors, concurrently updating the configuration with work regarding adapter set-up.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/16/19	Draft email reply to S. Hunt, S. Lam (PG&E) regarding meeting minutes that were captured during the 1 hour meeting with PG&E stakeholders for the Application 30.PG&E.com DNS change.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/16/19	Draft email to S. Hunt, with R. Muttavarapu (Sudha), copying J. Altuna, S. Batchu (PG&E) requesting a working session to be set-up to resolve the Application 2 domain 2 issues / deployment errors.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/16/19	Draft email to S. Hunt, S. Rai (PG&E) with M. Gomez, R. Villegas (KPMG) summarizing PENetration testing, answering questions / concerns that PG&E leadership brought up in an earlier email.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/16/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/16/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/16/19	Meeting with R. Jeyarajan, M. Pulivarthi, A. Nadipally (PG&E Development and Testing Team), M. Rice (KPMG) regarding next steps to resolve defects logged against and Application 1 / Application 3, created a spreadsheet for the testing team to perform regression testing on the defects against QA to determine if the defect is a real defect or not.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/16/19	Meeting with S. Hunt, C. Kalakota, K. Visram, C. Bell, T. Yuen, S. Tang, G. Ruffner, O. Trinko, S. Lam, D. Rocksvold, B. Keane, M. Gonzales, S. Lim, D. Aguilar, S. Moorleghen, L. Milum (PG&E Stakeholders for Application 17, Application 14, Application 30, PG&E.com Mapping Applications), R. Nagdeo, R. Bhaskara (KPMG) to determine a plan moving forward and agree on a date for the DNS change to be made for Application 30.PG&E.com in PROD as this DNS change would update from old load balancers to new load balancers and pave the way to migrate these applications to the Ping platform in coming months.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/16/19	Meeting with R. Nagdeo (KPMG) to review the skeleton document and incorporate a few more sections into it upon R. Nagdeo's request.	1.1	\$ 225.00	\$ 247.50
Matthew Rice	10/16/19	Technical status, as of 10/16/19, session with S. Hunt, R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), R. Bhaskara, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Matthew Rice	10/16/19	Collaborative session with J. Altuna, S. Batchu (PG&E), R. Muttavarapu (Sudha) regarding the deployment issues in Domain2 TEST.	3.3	\$ 225.00	\$ 742.50
Rob Villegas	10/16/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/16/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/16/19	Meeting with R. Bhaskara, M. Rice, R. Villegas (KPMG) regarding current status, next steps, as of 10/16/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/16/19	Meeting with S. Hunt, C. Kalakota, K. Visram, C. Bell, T. Yuen, S. Tang, G. Ruffner, O. Trinko, S. Lam, D. Rocksvold, B. Keane, M. Gonzales, S. Lim, D. Aguilar, S. Moorleghen, L. Milum (PG&E Stakeholders for Application 17, Application 14, Application 30, PG&E.com Mapping Applications), M. Rice, R. Bhaskara (KPMG) to determine a plan moving forward and agree on a date for the DNS change to be made for Application 30.PG&E.com in PROD as this DNS change would update from old load balancers to new load balancers and pave the way to migrate these applications to the Ping platform in coming months.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/16/19	Meeting with M. Rice (KPMG) to review the skeleton document and incorporate a few more sections into it upon R. Nagdeo's request.	1.1	\$ 225.00	\$ 247.50

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/16/19	Technical status, as of 10/16/19, session with S. Hunt, R. Jeyarajan , J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	10/16/19	Collaborative session with A. Fedorova and N. Gupta (PG&E) from the Application 12 application team to review the issues that came out of the Application 12 application regression testing in Test environment. (.4) After the call, investigate the issues from the Ping side. (1.5)	1.9	\$ 225.00	\$ 427.50
Rohit Nagdeo	10/16/19	Collaborative session with J. Altuna, L. Milum, S. Lam (PG&E) to resolve the Application 14-External application "Internal server Error" issue, determined that the certificate on the web server was expired, this was the probable cause of the issue, however, we can not be sure so it was decided that J. Altuna will raise the request for a new certificate.	2.4	\$ 225.00	\$ 540.00
Bhaskara Rama Bhaskara	10/17/19	Review email from J. Altuna (PG&E) for required FTR for pending Application 8 integration for QA environment to clarify host names in the email response.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/17/19	Technical status, as of 10/17/19, session with S. Hunt, R. Jeyarajan , J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), M. Rice, R. Nagdeo, R. Villegas, (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/17/19	Meeting with R. Villegas and M. Rice (KPMG) regarding current status, next steps, as of 10/17/19, to ensure alignment with client priorities based on daily communications regarding same.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/17/19	Review Application 13 Registration functionality (.9) and informed S. Modupalli (PG&E) of possible fixes for the user registration issues in DEV environment (.1).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/17/19	Performed the configuration changes for Authentication policy in PingFederate server for Single Sign On between Work regarding adapter application url in DEV environment.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/17/19	Performed the unit testing for Application 30 external access in QA environment for SSO use case (1.4) and drafted email to PG&E teams the environmental access constraint for accessing internally instead of using internet unlike Prod (.2).	1.6	\$ 225.00	\$ 360.00
Bhaskara Rama Bhaskara	10/17/19	Documented the PingAsserter installation / configuration document that is required to be executed on Application server server for Application 8 Identity Asserter integration for QA environment.	2.0	\$ 225.00	\$ 450.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/17/19	Call with A. Nadipally (PG&E) regarding saving, closing, checking in the spreadsheet that captures and tracks defects.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/17/19	Draft email / follow-up replies to S. Thakur, B. Thomas, S. Hunt (PG&E) regarding CRQ19013 - a JDK upgrade on EUM/EIM Application server servers that should assist in fixing Application 2 user issues in PROD.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/17/19	Cross-reference defect spreadsheet with what was sent out earlier from A. Nadipally (PG&E), concurrently noting conflicting status regarding defects so email replied to A. Nadipally, R. Jeyarajan, M. Pulivarthi, S. Hunt, J. Paul, N. Dsouza, S. Radhamany (PG&E) requesting clarification.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/17/19	Analyzing session for the Application 14 application issue with J. Altuna, L. Milum, S. Lam (PG&E), R. Nagdeo (KPMG) noting that the Certificate renewal did not solve the "Internal server Error Issue" and deciding to check the logs on the Application 14 application web server to see if its receiving the SSL handshake request from the web server. (partial attendance)	0.6	\$ 225.00	\$ 135.00
Matthew Rice	10/17/19	Technical status, as of 10/17/19, session with S. Hunt, R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), R. Villegas, R. Nagdeo, R. Bhaskara, (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/17/19	Draft email to S. Rai (PG&E) regarding an action item from her meeting earlier (PEN testing).	0.9	\$ 225.00	\$ 202.50
Matthew Rice	10/17/19	Meeting with R. Bhaskara and R. Villegas (KPMG) regarding current status, next steps, as of 10/17/19, to ensure alignment with client priorities based on daily communications regarding same.	0.9	\$ 225.00	\$ 202.50
Matthew Rice	10/17/19	Leadership meeting call with S. Rai, J. Jacob, L. DeAnda S. Hunt (PG&E), M. Gomez, R. Villegas, R. Nagdeo (KPMG) to respond to questions regarding the status of the project since last meeting, what areas were blocking us, how far have certain areas come in development, address PENetration testing / next steps, noted action item for M. Rice to draft email detailing how PEN testing will occur as well as the team requires Cyber's approval.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/17/19	Application 5 call with S. Haynes, L. Tate, S. Hunt, B. Thomas, M. Pulivarthi (PG&E), to solidify a plan to move forward with UAT testing, noting the only outstanding item is how the outage time will be presented to the end clients via email notification, message to ENOCC, etc.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/17/19	Created MS Teams group for PG&E personnel to utilize when they are being pulled off for PSPS (rolling power outages in California) higher priority work.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/17/19	Collaborative session with M. Pulivarthi, R. Muttavarapu, B. Thomas (PG&E) to Application 2 DEV / TEST environment debugging to resolve deployment (manual / automatic) of the Application 2 EAR (Enterprise Archives) file that has been delaying defect fixing / testing for several months.	2.1	\$ 225.00	\$ 472.50
Rob Villegas	10/17/19	Update (.4), as of 10/17/19, draft email with project status report to S. Hunt (PG&E) (.1).	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/17/19	Technical status, as of 10/17/19, session with S. Hunt, R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), M. Rice, R. Nagdeo, R. Bhaskara, (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Rob Villegas	10/17/19	Meeting with R. Bhaskara and M. Rice (KPMG) regarding current status, next steps, as of 10/17/19, to ensure alignment with client priorities based on daily communications regarding same.	0.9	\$ 225.00	\$ 202.50
Rob Villegas	10/17/19	Leadership meeting call with S. Rai, J. Jacob, L. DeAnda S. Hunt (PG&E), M. Gomez, M. Rice, R. Nagdeo (KPMG) to respond to questions regarding the status of the project since last meeting, what areas were blocking us, how far have certain areas come in development, address PENetration testing / next steps, noted action item for M. Rice to draft email detailing how PEN testing will occur as well as the team requires Cyber's approval.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/17/19	Joined the WebEx meeting with S. Hunt (PG&E) and the entire leadership team of Application 5 application.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/17/19	Technical status, as of 10/17/19, session with S. Hunt, R. Jeyarajan, J. Altuna, L. Milum, M. Pulivarthi, B. Thomas, A. Nadipally, S. Modupalli, (PG&E), M. Rice, R. Villegas, R. Bhaskara, (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Rohit Nagdeo	10/17/19	Leadership meeting call with S. Rai, J. Jacob, L. DeAnda S. Hunt (PG&E), M. Gomez, R. Villegas, M. Rice (KPMG) to respond to questions regarding the status of the project since last meeting, what areas were blocking us, how far have certain areas come in development, address PENetration testing / next steps, noted action item for M. Rice to draft email detailing how PEN testing will occur as well as the team requires Cyber's approval.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/17/19	Analyzing session for the Application 14 application issue with J. Altuna, L. Milum, S. Lam (PG&E), M. Rice (KPMG) noting that the Certificate renewal did not solve the "Internal server Error Issue" and deciding to check the logs on the Application 14 application IIS server to see if its receiving the SSL handshake request from the web server.	2.5	\$ 225.00	\$ 562.50
Rohit Nagdeo	10/17/19	Resolving the defects found during the Application 12 application regression testing in TEST environment.	3.2	\$ 225.00	\$ 720.00
Bhaskara Rama Bhaskara	10/18/19	Called S. Modupalli (PG&E) to explain the Application Authorization behavior from Site-Minder protected Application 13 application.	0.3	\$ 225.00	\$ 67.50
Bhaskara Rama Bhaskara	10/18/19	Conversation with A. Ramakrishnan (PG&E) regarding readiness of Application 8 app into Ping for QA environment (.4) and draft email to S. Hunt for setting up the Release plan for coming week (.1).	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/18/19	Performed additional testing for Mercer Benefits / Pension Center URLs in QA environment..	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/18/19	Reviewed the Application 13 SiteMinder export for identifying PG&EAPPLICATION Role name for non-production environments..	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/18/19	Had met with Application 13 application team (S. Modupalli (PG&E) in a Microsoft Teams conversation for User registration issues and resolution steps that Sarita is making the progress..	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/18/19	Technical status, as of 10/18/19, session with J. Altuna, M. Pulivarthi, S. Lam, B. Thomas, A. Nadipally, S. Modupalli, B. Deutsch (PG&E), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/18/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/18/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/18/19	Review role configuration of Application 13 user (.8) and draft email to L. Milum (PG&E) for PG&EAPPLICATIONROLE requirement and non-authorization page set-up for Application 13 from SiteMinder (.2).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/18/19	Performed the testing for SAML application that L. Milum (PG&E) created recently in QA.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/18/19	Draft PingAccess Policy Deployment document for Application 13 application.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/18/19	MS Teams chat with S. Rai (PG&E) as she did not receive the email regarding PEN testing that was drafted / sent earlier in the day.	0.1	\$ 225.00	\$ 22.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/18/19	Draft email to S. Batchu, A. Nadipally, M. Pulivarthi, R. Jeyarajan , S. Hunt (PG&E Development and Testing Team) copying R. Villegas (KPMG) to note their action items and areas of focus.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/18/19	Communicate via email with P. Yandapalli (PG&E) copying R. Nagdeo requesting network trace in browser for reported issues as our team is in Ping primarily and that many other aspects can break including network connectivity, web server instances, Application server instances, load balancers, etc.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/18/19	Review draft email to S. Rai and S. Hunt (PG&E) with R. Villegas (KPMG) regarding penetration testing.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/18/19	Draft email reply to G. Nagothu, P. Yandapalli, A. Sharma, L. Milum, M. Banerjee, R. Antony, S. Hunt, S. Lam, J. Altuna, S. Yue (PG&E Application 24 Team), R. Nagdeo, R. Villegas (KPMG) requesting more detailed information when they submit something is broken.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/18/19	Debug / fix Application 2 in Domain2 for Ping as it was determined a PingFed misconfiguration was at fault. (.4) After fix, requested the testers to validate. (.1)	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/18/19	MS Project updates adding in validated defects from the defect spreadsheet updated by A. Nadipally and M. Pulivarthi earlier today.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/18/19	Collaborative session with J. Altuna, S. Lam (PG&E), R. Nagdeo (KPMG) regarding Application 14 backend connectivity issues between an older version of web server / an IIS server, determined that the web server instance does not support the same level of security (TLS) that the IIS Server is configured for.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/18/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/18/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/18/19	Technical status, as of 10/18/19, session with J. Altuna, M. Pulivarthi, S. Lam, B. Thomas, A. Nadipally, S. Modupalli, B. Deutsch (PG&E), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/18/19	Analyze a defect that was raised by PG&E development, concurrently testing against Application 3 in TEST / determined that PingAccess is not being hit. (.8) Draft / respond to multiple MS Teams chat messages with M. Pulivarthi, J. Phillip (PG&E) requesting details and offering suggestion of where issue is. (.3)	1.1	\$ 225.00	\$ 247.50

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Name	Date	Description	Hours	Rate	Amount
Rob Villegas	10/18/19	Review draft email to S. Rai and S. Hunt (PG&E) with M. Rice (KPMG) regarding penetration testing.	0.2	\$ 225.00	\$ 45.00
Rob Villegas	10/18/19	Technical status, as of 10/18/19, session with J. Altuna, M. Pulivarthi, S. Lam, B. Thomas, A. Nadipally, S. Modupalli, B. Deutsch (PG&E), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/18/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/18/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/18/19	Collaborative session with J. Altuna, S. Lam (PG&E), M. Rice (KPMG) regarding Application 14 backend web server, determined that the web server instance does not support the same level of security (TLS) that the IIS Server is configured for.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/18/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/18/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/18/19	Technical status, as of 10/18/19, session with J. Altuna, M. Pulivarthi, S. Lam, B. Thomas, A. Nadipally, S. Modupalli, B. Deutsch (PG&E), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/18/19	Analyze the Application 12 application reported issues with the Application 12-Internal application in Development environment, concurrently determining that one of the webs server was down so restarted to resolve the issue / kept monitoring.	2.2	\$ 225.00	\$ 495.00
Rohit Nagdeo	10/18/19	Analyze the Application 24 team's report of the connection reset / application crash issues in Application 24 Test environment, concurrently reviewing the web server logs to gain insight into if the web server server is still causing the issue, however, determining that this time the issue was caused by the load balancer server.	2.8	\$ 225.00	\$ 630.00
Bhaskara Rama Bhaskara	10/21/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/21/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/21/19	Review Application 8 configuration (.3) and a Microsoft teams conversation with A. Ramakrishnan (PG&E) to compile Application 8 QA host names (.2).	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/21/19	Performed integration testing for Application 13 login / logout use cases, concurrently requesting S. Modupalli (PG&E) to perform SLO configuration part.	0.7	\$ 225.00	\$ 157.50

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Bhaskara Rama Bhaskara	10/21/19	Technical status, as of 10/21/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E) R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/21/19	Discussion with B. Thomas (PG&E) regarding Application 30 deployment steps for QA environment.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/21/19	Review, concurrently testing PingAccess Read only Access setup (.9) and draft email to L. Milum (PG&E) for new role creation for RBAC setup in QA & PROD environments (.1).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/21/19	Performed configuration of PG&E Application Role policy set-up for Application 13 in DEV environment.	1.8	\$ 225.00	\$ 405.00
Bhaskara Rama Bhaskara	10/21/19	Review, concurrently testing SAML Authentication Policy set-up in DEV PingFederate console for SSO between Application 30 / SAML apps.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	10/21/19	Draft email response to S. Thakur, ENOC list serve, Middleware Ops list serve, S. Hunt, M. Pulivarthi, B. Thomas, A. Saka, C. Wong, D. Wong (PG&E) copying R. Villegas (KPMG) to clarify what was meant that the setting was not enabled in PROD EUM/EIM Application Servers.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/21/19	Draft email to J. Altuna (PG&E) asking him to ensure that R. Muttavarapu (Sudha) shares the SharePoint link when she uploads a document that is currently in progress.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/21/19	MS Teams conversation with B. Thomas (PG&E) regarding S. Thakur and next steps as S. Thakur noticed some setting differences and we were just confirming the next steps.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/21/19	MS teams with R. Jeyarajan (PSPS) asking if the Application 5 (Application 5) ORT (Operational Readiness Testing) meeting should still be held tomorrow as R. Jeyarajan is currently tasked to PSPS.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/21/19	Meeting with A. Nadipally (PG&E) to review the defect spreadsheet and its current status.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/21/19	Multiple email communication to J. Phillip, S. Batchu, M. Pulivarthi (PG&E) regarding steps that are needed to fix defect 911 against Application 2. Time also includes updates to MS Project plan.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/21/19	Discussion with M. Pulivarthi, B. Thomas (PG&E) regarding next steps to troubleshoot Forgot Password PROD issue.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/21/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/21/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50

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IT Software Services (Phase II)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/21/19	Technical status, as of 10/21/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E) R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/21/19	Several email communication back / forth between B. Thomas, M. Pulivarthi, C. Wong, D. Wong, A. Saka, S. Hunt (PG&E) regarding details to troubleshoot the Forgot Password PROD issue, requesting a Middleware OPS person, the priority of this item compared to the rolling power outages (aka PSPS).	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/21/19	MS Project updates: Incorporate new defects confirmed to be in scope as well as incorporated more line item tasks for Big Bang applications for traceability / accountability purposes.	3.3	\$ 225.00	\$ 742.50
Rob Villegas	10/21/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/21/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/21/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/21/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/21/19	Discussion with S. Lam (PG&E) to figure out the list of Application 12 web servers in QA to check if the Application 12 web servers are included in the blanket FER request to block the direct access to the application webservers.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/21/19	Drafted a note to Application 27 application expert S. Gupta (PG&E) to take the pulse on the current state of Application 27 application in QA environment / plans for taking the application to production environment.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/21/19	Technical status, as of 10/21/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E) R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/21/19	Continue, as of 10/21/19, analysis of the Application 14 application issue in Dev environment as we discovered earlier that the issue is with the web server which is 10 year old / running on old sun server that does not support TLS, however, we need to proof the concept to prove that the SSL is the problem in deep.	1.4	\$ 225.00	\$ 315.00

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Rohit Nagdeo	10/21/19	Session with web layer expert J. Altuna (PG&E) to resolve the issue with Application 12 application web server as N. Gupta (PG&E) reported the "page cant be displayed" error again this morning and that is occurring on a daily basis / detailed investigation is needed to identify the root cause of the frequent issues.	4.0	\$ 225.00	\$ 900.00
Bhaskara Rama Bhaskara	10/22/19	Email conversation with L. Milum (PG&E) regarding Application 13 access for required PG&E app roles.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/22/19	WebEx meeting with S. Lam (PG&E) regarding validating web server webserver set-up for QA environment.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/22/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/22/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/22/19	Review / check the PAMP policy deployments / status of Application 30 for lower environment (DEV / TEST).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/22/19	Technical status, as of 10/22/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/22/19	Review the PG&EAPPLICATIONROLE for Application 13 application access in ODSEE for available user to be used for testing.	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/22/19	Performed troubleshooting configuration problems for SSO setup between Application 30 / SAML apps in DEV with work regarding set-up as Application 30 does not work in DEV.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/22/19	Application 30 deployment meeting with S. Hunt, L. Milum (PG&E), T. Benson (PG&E), C. Bell (PG&E) for L. Milum to deploy Application 30 ping policies and C. Bell to deploy application changes to QA.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/22/19	Draft email to M. Pulivarthi (PG&E), R. Nagdeo (KPMG) noting an incorrectly configured URL for Application 4 in DEV environment.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/22/19	MS Teams conversation between M. Pulivarthi, J. Altuna (PG&E), R. Nagdeo (KPMG) regarding findings during troubleshooting call with R. Nagdeo earlier.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/22/19	Discussion with S. Lam, L. Milum (PG&E) regarding continued work for www3qa VIP in QA for Application 5 and it's relation to FER102628.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/22/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/22/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/22/19	Technical status, as of 10/22/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/22/19	WebEx call with R. Nagdeo (KPMG) to analyze the defect raised by M. Pulavarthi (PG&E) in the Application 4 application in Test environment.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/22/19	Collaborative session with M. Pulivarthi (PG&E) over MS Teams to get DEV / TEST Application 1 / Application 4 applications fixed in both environments with M. Pulivarthi providing insights as to what may be happening at an web server level.	2.2	\$ 225.00	\$ 495.00
Rob Villegas	10/22/19	Technical status, as of 10/22/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/22/19	(partial attendance) Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/22/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rob Villegas	10/22/19	Updating, as of 10/22/19, the PG&E contract for 2020 extension.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/22/19	MS Teams conversation between M. Pulivarthi, J. Altuna (PG&E), R. Nagdeo (KPMG) regarding findings during troubleshooting call with R. Nagdeo earlier.	0.3	\$ 225.00	\$ 67.50
Rohit Nagdeo	10/22/19	Communication with the Application 24 application team member P. Yandapalli (PG&E) to take the pulse on the Application 24 regression testing and if the testing team were able to reproduce the intermittent errors after applying the fix on Application 24 web server.	0.4	\$ 225.00	\$ 90.00
Rohit Nagdeo	10/22/19	Discussion with Shubha (PG&E) to gain insight into the timelines for production deployment and determined due to PG&E organization wide initiative called PSPS, its best to hold on the Application 27 production deployment.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/22/19	Discussion with the PG&E.com testing team regarding the requirement / expectation from the Mapping application perspective.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/22/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/22/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/22/19	Technical status, as of 10/22/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/22/19	WebEx call with M. Rice (KPMG) to analyze the defect raised by M. Pulavarthi (PG&E) in the Application 4 application in Test environment.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/22/19	Analyze issues in both Dev / Test environment that Application 12 application team reported, concurrently attempting to reproduce the issue with limited success, noting some of the issues were product limitation and the rest were not reproducible. (3.1) Draft an email to the Application 12 team to set-up a meeting to be able to learn to recreate the issues. (.2)	3.3	\$ 225.00	\$ 742.50
Bhaskara Rama Bhaskara	10/23/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/23/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/23/19	Email conversation with S. Lam (PG&E) regarding FER for Application 8 hosts in QA environment.	0.6	\$ 225.00	\$ 135.00
Bhaskara Rama Bhaskara	10/23/19	Documenting Application 13 policy Deployment Guide for PingFederate / PingAccess changes.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/23/19	Performed configuration setup for Application 13 Authorization policy in DEV environment.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/23/19	Technical status, as of 10/23/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Bhaskara Rama Bhaskara	10/23/19	Performed configuration changes for SAML SSO setup for Application 30 in DEV environment for SAML application, concurrent testing for SSO use case.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/23/19	Analyzed Application 30 deployment issues with S. Hunt, L. Milum, T. Benson, C. Bell (PG&E) with L. Milum deploying Application 30 ping policies and C. Bell deploying application changes to QA.	2.4	\$ 225.00	\$ 540.00
Matthew Rice	10/23/19	Draft email response to S. Haines, L. Tate, L. Milum, B. Thomas, R. Fryer, S. Hunt (PG&E) to PG&E email asking for details regarding the Application 5 user account lockout use cases.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/23/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/23/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50

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Matthew Rice	10/23/19	Draft email outlining action items and responsibilities along with next steps for Application 5 and Application 6 regarding Operational Readiness Testing (ORT) to R. Jeyarajan, M. Pulivarthi, L. Milum, B. Thomas, S. Lam, R. Thomas, M. Carter, J. Altuna, S. Hunt (PG&E), R. Villegas, R. Nagdeo (KPMG).	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/23/19	Supported the Application 5/Application 6 ORT call with L. Milum, B. Thomas, M. Pulivarthi, R. Jeyarajan, S. Lam (PG&E) and R. Nagdeo (KPMG).	1.1	\$ 225.00	\$ 247.50
Matthew Rice	10/23/19	Technical status, as of 10/23/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	1.1	\$ 225.00	\$ 247.50
Matthew Rice	10/23/19	Update, as of 10/23/19, the MS Project with tasks / status / new items to track against the project.	1.2	\$ 225.00	\$ 270.00
Matthew Rice	10/23/19	Analyze the Application 5 / Application 6 / Application 2 issues in the TEST environment, concurrently noting random ERR_CONNECTION_RESET issues that other environments are not exhibiting with R. Nagdeo (KPMG).	2.8	\$ 225.00	\$ 630.00
Rob Villegas	10/23/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/23/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/23/19	Technical status, as of 10/23/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	0.6	\$ 225.00	\$ 135.00
Rohit Nagdeo	10/23/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/23/19, to ensure alignment with client priorities based on daily communications regarding same.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/23/19	While performing the Application 5 testing, R. Nagdeo noted a possible defect that the password hint field doesn't hide the answer field., concurrently informing Application 6 team for the confirmation of the defect.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/23/19	Supported the Application 5/Application 6 ORT call with L. Milum, B. Thomas, M. Pulivarthi, R. Jeyarajan, S. Lam (PG&E) and M. Rice (KPMG).	1.1	\$ 225.00	\$ 247.50

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/23/19	Technical status, as of 10/23/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Rohit Nagdeo	10/23/19	Investigated the issues that were captured during the Application 12 application meeting, concurrently noting that the issues is with the web servers again and raised the issue with appropriate PG&E team.	1.8	\$ 225.00	\$ 405.00
Rohit Nagdeo	10/23/19	Analyze the Application 5 / Application 6 / Application 2 issues in the TEST environment, concurrently noting random ERR_CONNECTION_RESET issues that other environments are not exhibiting with M. Rice (KPMG).	2.8	\$ 225.00	\$ 630.00
Bhaskara Rama Bhaskara	10/24/19	Application 8 Release Plan Meeting with S. Hunt, M. Carter (PG&E).	0.4	\$ 225.00	\$ 90.00
Bhaskara Rama Bhaskara	10/24/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/24/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/24/19	SAML SSO configuration meeting with L. Milum (PG&E) to walk through the configuration in a WebEx session with L. Milum running a few test cases in QA and agreed SSO established between Application 30 / ViaOne Sedgwick.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/24/19	Technical status, as of 10/24/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.1	\$ 225.00	\$ 247.50
Bhaskara Rama Bhaskara	10/24/19	Performed Application 30-SAML configuration in QA environment. (.7) Created a new Authentication policy to identify Application 30 OToken session / allowing SSO with ViaOne Sedgwick SAML application in QA. (.5)	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/24/19	After B. Thomas (PG&E) deployed application side fixes to QA, performed integration testing for Application 30 with retiree user id for login / logout use cases in QA environment.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/24/19	Analyze Application 30 deployment issues, concurrently corrected missing Application 30 OToken Authentication policy to make Application 6 API calls to work properly in QA after email conversation with L. Milum and B. Thomas (PG&E).	1.5	\$ 225.00	\$ 337.50

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/24/19	Performed configuration changes for SAML SSO set-up for Application 30 in DEV environment for ViaOne(Sedgwick) application, concurrently tested for SSO use case.	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/24/19	Draft email reply to L. Milum (PG&E) as he noticed that users were deleted / removed from LDAP in lower level environments and was trying to gain insight into why that happened.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/24/19	Draft email to A. Tan, A. Chauhan, S. Hunt, L. Milum (PG&E) with notes from the meeting and actions that need to be followed up on.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/24/19	Draft email to S. Batchu, M. Pulivarthi, J. Phillip (PG&E) requesting status and whether Application 2 & Application 1 were tested and verified in DEV to be working with new iRule logic for Tokenization of Identity.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/24/19	Draft email to S. Hunt with A. Nadipally, S. Haines (PG&E) requesting a WebEx working session be created so that A. Nadipally and S. Haines can get together for UAT testing of Application 5.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/24/19	Draft email to M. Dionne-Singh (R. Fryer's alternate), R. Fryer, S. Hunt, S. Haines, L. Tate (PG&E) asking if an outage procedure exists for Application 5.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/24/19	Multiple email conversations to S. Batchu, J. Altuna (PG&E) regarding Application 2 and web server drawing issues for login seen in the TEST environment, analysis of web server / Application server issues that are believed to be the root cause.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/24/19	Set-up multiple MS Teams to focus J. Altuna, S. Lam (PG&E) on working known issues with Application 14 / Application 2.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/24/19	Support PENetration discussion with Cyber Leadership in S. Rai's (PG&E) call / session with S. Hunt, D. Orrvick, L. Brown, M. Strasburger, N. Casey (PG&E).	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/24/19	Create high level bullet points of where that portion of the project was / itemizing / develop action items as a take-away in preparation for meeting with PG&E management.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/24/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/24/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/24/19	Technical status, as of 10/24/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00

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Matthew Rice	10/24/19	Support Application 5 UAT testing with A. Nadipally, L. Tate, B. Vizuet (PG&E).	1.5	\$ 225.00	\$ 337.50
Matthew Rice	10/24/19	Analyze the Application 5 / Application 6 / Application 2 issues in the TEST environment for the Application issues regarding displaying / logging in / logging out. (2.8) Communication with J. Altuna and S. Batchu (PG&E) to provide assistance with web server / Application issues. (.4)	3.2	\$ 225.00	\$ 720.00
Rob Villegas	10/24/19	Technical status, as of 10/24/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/24/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/24/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/24/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/24/19, to ensure alignment with client priorities based on daily communications regarding same.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/24/19	Technical status, as of 10/24/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	1.0	\$ 225.00	\$ 225.00
Rohit Nagdeo	10/24/19	Investigation meeting with A. Fedrova and N. Gupta (PG&E) to review the issues encountered by the application.	1.9	\$ 225.00	\$ 427.50
Rohit Nagdeo	10/24/19	Collaborative session with J. Altuna (PG&E) regarding a POC (Proof of Concept) to prove that the issue faced by the Application 14 application is due to the old web server server which does not support TLS / moving the configuration of the Application 14 proxy pass directive to the newer web server server which supports TLS.	4.1	\$ 225.00	\$ 922.50
Bhaskara Rama Bhaskara	10/25/19	Email conversation with L. Milum (PG&E) regarding wildcard PG&E application role usage on Site-Minder for Authorization for Application 13.	0.4	\$ 225.00	\$ 90.00
Bhaskara Rama Bhaskara	10/25/19	Technical status, as of 10/25/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan. (partial attendance)	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Bhaskara Rama Bhaskara	10/25/19	Performed Application 13 unit testing for non-Authorization page setup (.7), WebEx meeting with S. Modupalli (PG&E) and draft email with information to business regarding minor behavior change between SM protected Application 13 Vs Ping protected Application 13 (.3)	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/25/19	Analyze SAML SSO configuration for Application 30 in QA environment, concurrently updating the Authentication policy in PingFederate console.	1.5	\$ 225.00	\$ 337.50
Bhaskara Rama Bhaskara	10/25/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/25/19, to ensure alignment with client priorities based on daily communications regarding same.	1.6	\$ 225.00	\$ 360.00
Bhaskara Rama Bhaskara	10/25/19	Update, as of 10/25/19, the Application 30 Deployment Guide with SAML SSO configuration steps.	3.0	\$ 225.00	\$ 675.00
Matthew Rice	10/25/19	Draft email follow-up regarding Vegetation Management and whether it is in scope or not with S. Hunt, C. Wong (PG&E) copying R. Villegas, R. Bhaskara, R. Nagdeo (KPMG).	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/25/19	Draft email J. Phillip and S. Hunt (PG&E) requesting assistance from J. Phillip to help analyze the Application 6 / Application 5 / web server / load balancer issues.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/25/19	Technical status, as of 10/25/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivartha, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/25/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/25/19, to ensure alignment with client priorities based on daily communications regarding same.	1.6	\$ 225.00	\$ 360.00
Matthew Rice	10/25/19	Collaborative session regarding Application 6, Application 5, web server, load balancer ERR_CONNECTION_RESET issues in TEST environment with R. Nagdeo (KPMG).	2.4	\$ 225.00	\$ 540.00
Matthew Rice	10/25/19	Continue, from earlier in the day on 10/25/19, collaborative session regarding Application 6, Application 5, web server, load balancer ERR_CONNECTION_RESET issues in TEST environment with R. Nagdeo (KPMG).	3.9	\$ 225.00	\$ 877.50
Rob Villegas	10/25/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/25/19, to ensure alignment with client priorities based on daily communications regarding same.	1.6	\$ 225.00	\$ 360.00
Rohit Nagdeo	10/25/19	Technical status, as of 10/25/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivartha, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/25/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/25/19, to ensure alignment with client priorities based on daily communications regarding same.	1.6	\$ 225.00	\$ 360.00
Rohit Nagdeo	10/25/19	Collaborative session regarding Application 6, Application 5, web server, load balancer ERR_CONNECTION_RESET issues in TEST environment with M. Rice (KPMG).	2.4	\$ 225.00	\$ 540.00
Rohit Nagdeo	10/25/19	Continue, from earlier in the day, collaborative session regarding Application 6, Application 5, web server, load balancer ERR_CONNECTION_RESET issues in TEST environment with M. Rice (KPMG). (partial attendance)	3.2	\$ 225.00	\$ 720.00
Bhaskara Rama Bhaskara	10/28/19	Draft email conversation with L. Milum (PG&E) regarding Application 30 SSO configuration setup for SAML apps in QA.	0.4	\$ 225.00	\$ 90.00
Bhaskara Rama Bhaskara	10/28/19	Discussion with S. Modupalli (PG&E) regarding email communication for Network Reset issues for Application 13 application in DEV and requested that she test for the Non-Authorization error page.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/28/19	Technical status, as of 10/28/19, session with S. Lam, M. Pulivarthi, B. Deutsch, A. Nadipally, S. Hunt, S. Modupalli (PG&E), R. Muttavarapu (Sudha), M. Rice (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/28/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/28/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/28/19	Meeting with W. Cho, M. Carter, O. Trinko, S. Tang, C. Bell, S. Hunt (PG&E), M. Rice (KPMG) to touch base regarding getting proper approvals to make DNS changes to support Application 17 / Application 30 / Application 14 / PG&E.com mapping applications.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/28/19	Documentation for Application 30-SAML SSO setup steps completed / incorporated into PG&E SharePoint. (1.1) Draft email to L. Milum (PG&E) regarding execution of the set-up steps for SAML applications. (.1)	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/28/19	Perform additional testing for Application 30 in QA environment, concurrently analyzing login failures. (1.6) Communication to B. Thomas (PG&E) to review any changes on the application side. (.1)	1.7	\$ 225.00	\$ 382.50
Bhaskara Rama Bhaskara	10/28/19	Performed the Application 13 PG&E Application Role wildcard configuration in DEV environment but could not proceed to test because of Network Latency issues.	2.0	\$ 225.00	\$ 450.00

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Matthew Rice	10/28/19	Draft email to S. Tang, S. Hunt (PG&E) reminding S. Tang to reach out to a business owner to verify a potential change over date for DNS entry that affects multiple teams: Application 17 / Application 30 / Application 14 / PG&E.com.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/28/19	Draft email to P. Picou, Jr., J. Phillip, S. Hunt, S. Lam (PG&E) copying R. Villages (KPMG) requesting technical details regarding why the CRQ 21342 was canceled and how the loadbalancers were configured for PROD / lower level environments, asked the team to be kept in the loop regarding next steps for load balancer fixes as this directly affects the project.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/28/19	MS Teams chat with W. Temple, S. Hunt (PG&E) regarding why the CRQ 21342 was canceled today as it was created to address a memory issue on the Load Balancer Traffic Manager Module that is believed to be causing the lower level environments to experience random ERR_CONNECTION_RESET issues.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/28/19	MS Teams conversation with S. Hunt (PG&E) regarding re-focusing the team since the load balancer network issues are blocking various efforts.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/28/19	Technical meeting discussion with B. Deutsch (PG&E) regarding Application 16 and how it is implemented in the lower level environments.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/28/19	Draft email reply to L. Milum, A. Tan, A. Chauhan, S. Hunt, S. Lam, P. Picou, Jr., L. Deanda (PG&E) to offer some clarity for the Application 16 performance testing that is required to be done.	0.4	\$ 225.00	\$ 90.00
Matthew Rice	10/28/19	Call with S. Hunt, M. Pulivarthi (PG&E), R. Villegas (KPMG) and Optiv to review Pen Testing scope and timeline.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/28/19	Technical status, as of 10/28/19, session with S. Lam, M. Pulivarthi, B. Deutsch, A. Nadipally, S. Hunt, S. Modupalli (PG&E), R. Muttavarapu (Sudha), R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/28/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/28/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/28/19	Meeting with W. Cho, M. Carter, O. Trinko, S. Tang, C. Bell, S. Hunt (PG&E), R. Bhaskara (KPMG) to touch base regarding getting proper approvals to make DNS changes to support Application 17 / Application 30 / Application 14 / PG&E.com mapping applications.	0.8	\$ 225.00	\$ 180.00

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Matthew Rice	10/28/19	Analyze EIM / Application 11 issues in QA. (1.6) Draft email with findings to T. Sathyanarayana, M. Pulivarthi, R. Jeyarajan, B. Thomas, L. Milum, S. Hunt (PG&E) copying R. Bhaskara, R. Nagdeo (KPMG). (.2)	1.8	\$ 225.00	\$ 405.00
Matthew Rice	10/28/19	Further updates, as of 10/28/19, to the PingFederate / PingAccess JVM tuning parameters / documentation.	2.4	\$ 225.00	\$ 540.00
Rob Villegas	10/28/19	Call with S. Hunt, M. Pulivarthi (PG&E), M. Rice (KPMG) and Optiv to review Pen Testing scope and timeline.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/28/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/28/19, to ensure alignment with client priorities based on daily communications regarding same.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/29/19	Review the new group information created by L. Milum (PG&E) for the Read-Only Access for PingAccess / PingFederate, concurrently drafting email reply to L. Milum for action items for DEV / TEST environments.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/29/19	Technical status, as of 10/29/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo, R. Villegas (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/29/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/29/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/29/19	Review the requirements for Read-Only Access setup document for PA-PF SSO set-up from PG&E SharePoint as well as verifying group name association in AD data store.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/29/19	Perform OIM integration changes for Application 30.PG&E.com WebEx meeting with T. Benson, L. Milum, G. Gophade(PG&E).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/29/19	Prepared the documentation for Application 13 for PingAccess related changes using PAMP tool.	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/29/19	Performed integration testing for Application 30 for retiree user ids in QA environment.	1.6	\$ 225.00	\$ 360.00
Bhaskara Rama Bhaskara	10/29/19	Performed the additional testing for Application 13 for Authorization rule in DEV environment, concurrently reviewing the configuration that required minor modifications.	2.0	\$ 225.00	\$ 450.00
Matthew Rice	10/29/19	Draft email to J. Phillip copying M. Pulivarthi, S. Batchu (PG&E) requesting J. Phillip to update the load balancer rule in TEST after the PG&E development team proved the JSON error return format was acceptable.	0.1	\$ 225.00	\$ 22.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/29/19	MS Teams conversation with L. Milum, M. Carter, M. Pulivarthi (PG&E Relevant Team Members), R. Bhaskara (KPMG) regarding SAP CAB meeting scheduled for 10/30/19 @ 9am PT.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/29/19	MS Teams follow-up with A. Tan (PG&E) regarding details in email.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/29/19	Draft email to C. Wong, B. Thomas, S. Hunt, L. Milum (PG&E), copying R. Villegas, R. Bhaskara, R. Nagdeo (KPMG) with a list of applications that were migrated from SiteMinder to Ping and their respective VIP's as this information was requested by C. Wong so that he can determine how wide spread the load balancer traffic manager module memory issues (ERR_CONNECTION_RESET) may be.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/29/19	Draft response email to A. Tan, L. Milum, A. Chauhan, S. Hunt, S. Lam, Sokun, L. Deanda, L. Wenczel, V. Koshevatsky (PG&E) regarding a question that A. Tan raised regarding performance plans and executed tests against the Ping platform.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/29/19	MS Teams chat with L. Milum (PG&E) regarding applications deployed to PROD on the Ping platform. This information went into an email to C. Wong (PG&E) so that he can determine which groups may be further impacted by the load balancer traffic manager module issues.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/29/19	Draft email / MS Teams replies with P. Yandapalli, S. Lam, The Application 24 Admins List Serve (PG&E), R. Nagdeo (KPMG) regarding the Application 24 experiencing issues and the latest load balancer traffic module bugs / memory issues, as the Application 24 requested clarification on a hotfix patch that was applied back in April / May and noted that I am attempting to retrieve the information from the relevant subject matter experts as well as identify if it is similar to issues currently seen.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/29/19	Requested READ-ONLY access using MyElectronicAccess / the AD groups provided by L. Milum (PG&E) in an email.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/29/19	Technical status, as of 10/29/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Villegas, R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/29/19	Draft email / call with S. Hunt (PG&E) noting that during a MS Teams chat with L. Milum (PG&E) it came to my attention that an email was missed that requested all lower level environments to have a stop work / no changes to take place, consolidated email communication provided by L. Milum, emailed them with an explanation to S. Hunt, noting how important this was and what it would mean to the projects schedule if allowed to be enforced.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/29/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/29/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Matthew Rice	10/29/19	Analyze the Production BSM SiteMinder issues seen / reported by L. Milum (PG&E) / application team as L. Milum reached out to ask if the PROD issues were the same since M. Rice had been analyzing the network connectivity issues. (1.2) As the issues appeared the same from review, draft email to L. Milum providing some details / observations. (.2)	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/29/19	Perform MS Project updates, as of 10/29/19, for the Application 16 timelines / tasks / status / responsible parties.	2.7	\$ 225.00	\$ 607.50
Rob Villegas	10/29/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/29/19, to ensure alignment with client priorities based on daily communications regarding same. (partial attendance)	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/29/19	Follow-up communication with the Application 24 application team regarding the regression testing.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/29/19	Technical status, as of 10/29/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Villegas, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.5	\$ 225.00	\$ 112.50
Rohit Nagdeo	10/29/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/29/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/29/19	Analyze the recurring WebServer shutdown issue with the Application 12 application, concurrently determining the issue was with the log rotator daemon was bombing out due to lack of space / issues with the semaphore which was related to SiteMinder web agent.	3.0	\$ 225.00	\$ 675.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/29/19	Continue, as of 10/29/19, collaborative session with J. Altuna (PG&E) regarding a POC (Proof of Concept) to prove that the issue faced by the Application 14 application is due to the old web server server which does not support TLS / moving the configuration of the Application 14 proxy pass directive to the newer web server server which supports TLS.	3.3	\$ 225.00	\$ 742.50
Bhaskara Rama Bhaskara	10/30/19	Application 8 Release Plan Meeting with S. Hunt, M. Carter, A. Ramakrishnan, J. Altuna, L. Milum (PG&E) to discuss status as of 10/30/19.	0.3	\$ 225.00	\$ 67.50
Bhaskara Rama Bhaskara	10/30/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/30/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Bhaskara Rama Bhaskara	10/30/19	Draft email conversation from B. Thomas (PG&E) for reviewing different scenarios related OIM user migration related changes..	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/30/19	Review Application 30.PG&E.com network set-up for PROD vs QA environment (.4) and draft an email to S. Lam (PG&E) regarding same (.1).	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/30/19	Technical status, as of 10/30/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/30/19	EFLDAP WebEx meeting with T. Benson and L. Milum (PG&E) regarding required use cases and different approaches for OIM changes.	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/30/19	Application 30 CAB approval meeting regarding DNS change for External Application 30 link with S. Hunt, M. Cater, L. Milum, W. Cho (PG&E SAP CAB Members), M. Rice (KPMG).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/30/19	Performed additional integration testing for Application 30 in QA for SLO use cases-without closing the same browser.	1.4	\$ 225.00	\$ 315.00
Bhaskara Rama Bhaskara	10/30/19	Preparing the Application 13 Deployment Guide focusing on the section for PG&E Application Role changes environment related modifications.	2.3	\$ 225.00	\$ 517.50
Matthew Rice	10/30/19	MS Teams chat with S. Hunt (PG&E) calling her attention to an email for DCPD approval which is needed for SAP CAB to finally approve moving forward with DNS change in PROD.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/30/19	Update A. Nadipally (PG&E) via MS Teams regarding a meeting and whether it was going to be rescheduled or not.	0.1	\$ 225.00	\$ 22.50
Matthew Rice	10/30/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/30/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Matthew Rice	10/30/19	MS Teams chat with B. Thomas (PG&E) regarding status regarding load balancer fixes in PROD.	0.4	\$ 225.00	\$ 90.00

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Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/30/19	Call with S. Hunt (PG&E) and R. Villegas (KPMG) to review project risks and timeline.	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/30/19	Draft email requesting S. Lam and J. Altuna (PG&E) to provide details to help move Application 14 along in DEV as the web server server needs to be upgraded / moved to support the TLSv1.2 and there are items that J. Altuna and S. Lam can help provide.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/30/19	Technical status, as of 10/30/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Nagdeo, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/30/19	Application 30 CAB approval meeting regarding DNS change for External Application 30 link with S. Hunt, M. Cater, L. Milum, W. Cho (PG&E SAP CAB Members), R. Bhaskara (KPMG).	1.0	\$ 225.00	\$ 225.00
Matthew Rice	10/30/19	Reformat S. Lam's (PG&E) list of IP Addresses into a table to track web server host names / the apps that are deployed to web server / if the web server hosts need to be blocked access as a part of this project including looking up all the IP addresses / the host names from DNS.	2.1	\$ 225.00	\$ 472.50
Matthew Rice	10/30/19	MS Project updates: Updated items that were blocked / reasons why for traceability. (2.1) Incorporate / rearrange a few items with regards to Ping software tasks as well.(.8)	2.9	\$ 225.00	\$ 652.50
Rob Villegas	10/30/19	Communication with M. Rice (KPMG) regarding project budget and team allocation for next year.	0.3	\$ 225.00	\$ 67.50
Rob Villegas	10/30/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/30/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Rob Villegas	10/30/19	Call with S. Hunt (PG&E) and M. Rice (KPMG) to review project risks and timeline.	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/30/19	PG&E Pipeline call with G. Armstrong (KPMG).	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/30/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/30/19, to ensure alignment with client priorities based on daily communications regarding same.	0.3	\$ 225.00	\$ 67.50
Rohit Nagdeo	10/30/19	Communication with M. Pulavarthi (PG&E) regarding the Application 6 network reset issue.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/30/19	Technical status, as of 10/30/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG) to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Rohit Nagdeo	10/30/19	Prepared the RCA document for Application 14 application issue.	3.0	\$ 225.00	\$ 675.00

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Name	Date	Description	Hours	Rate	Amount
Rohit Nagdeo	10/30/19	Collaborative session with S. Modupalli (PG&E) to migrate the Application 9 application from SiteMinder to the Ping Platform. (2.0) Created the Ping policies / Application 6 adapter for Application 9 application. (1.2)	3.2	\$ 225.00	\$ 720.00
Bhaskara Rama Bhaskara	10/31/19	WebEx meeting regarding Application 14/Application 30 web server server set-up in DEV with M. Rice (KPMG), L. Milum, S. Lam, B. Thomas, J. Altuna (PG&E).	0.5	\$ 225.00	\$ 112.50
Bhaskara Rama Bhaskara	10/31/19	Performed additional testing for Application 13 for site not reachable issues in DEV environment. (.4) Teams conversation with S. Modupalli (PG&E) regarding server down issues. (.2)	0.6	\$ 225.00	\$ 135.00
Bhaskara Rama Bhaskara	10/31/19	Meeting with R. Villegas, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/31/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Bhaskara Rama Bhaskara	10/31/19	Technical status, as of 10/31/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Nagdeo (KPMG). to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Bhaskara Rama Bhaskara	10/31/19	Performed unit testing for Application 17 in DEV environment before shifting the web server Webserver by J. Altuna (PG&E).	0.9	\$ 225.00	\$ 202.50
Bhaskara Rama Bhaskara	10/31/19	Application 30 ObjectClass modification to ODSEE user creation process WebEx meeting with B. Thomas and G. Gophade(PG&E).	1.0	\$ 225.00	\$ 225.00
Bhaskara Rama Bhaskara	10/31/19	Updated, as of 10/31/19, the Application 30 Deployment Guide with missing deployment steps (1.1) and posted to PG&E SharePoint (.1).	1.2	\$ 225.00	\$ 270.00
Bhaskara Rama Bhaskara	10/31/19	Performed additional testing for Application 30 for Application 6API related use cases in QA.	1.3	\$ 225.00	\$ 292.50
Bhaskara Rama Bhaskara	10/31/19	Review, concurrently incorporating Application 13 Deployment Guide for QA environment to PG&E SharePoint.	1.4	\$ 225.00	\$ 315.00
Matthew Rice	10/31/19	MS teams chat with S. Hunt, M. Pulivarthi, B. Thomas (PG&E) to request M. Pulivarthi demo the Application 6 functionality for Application 5 business owners meeting next Tuesday, that S. Hunt to add both M. Pulivarthi and B. Thomas to the meeting invite.	0.2	\$ 225.00	\$ 45.00
Matthew Rice	10/31/19	WebEx meeting regarding Application 14/Application 30 web server server set-up in DEV with R. Bhaskara (KPMG), L. Milum, S. Lam, B. Thomas, J. Altuna (PG&E).	0.5	\$ 225.00	\$ 112.50
Matthew Rice	10/31/19	Meeting with R. Bhaskara, R. Nagdeo, R. Villegas (KPMG) regarding current status, next steps, as of 10/31/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50

EXHIBIT C9

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

IT Software Services (Phase II)

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Matthew Rice	10/31/19	Technical status, as of 10/31/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), R. Bhaskara, R. Nagdeo (KPMG). to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Matthew Rice	10/31/19	Draft multiple detailed email communication regarding FER 102628 and the next steps that need to be done by PG&E to move forward with J. Altuna, S. Lam, L. Milum (PG&E).	0.9	\$ 225.00	\$ 202.50
Matthew Rice	10/31/19	Update, as of 10/31/19, the JVM parameters for PingAccess / PingFederate in DEV / TEST after the stop work order was lifted / clarified.	1.7	\$ 225.00	\$ 382.50
Matthew Rice	10/31/19	MS Project updates, as of 10/31/19, after conversations / meetings held throughout the day regarding web server server migration in DEV / documentation needs / FER102628 - blocking access to web server servers.	3.1	\$ 225.00	\$ 697.50
Rob Villegas	10/31/19	Update (.4), as of 10/31/19 and send project status report to S. Hunt (PG&E) (.1).	0.5	\$ 225.00	\$ 112.50
Rob Villegas	10/31/19	Meeting with R. Bhaskara, R. Nagdeo, M. Rice (KPMG) regarding current status, next steps, as of 10/31/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/31/19	Meeting with R. Bhaskara, R. Villegas, M. Rice (KPMG) regarding current status, next steps, as of 10/31/19, to ensure alignment with client priorities based on daily communications regarding same.	0.7	\$ 225.00	\$ 157.50
Rohit Nagdeo	10/31/19	Technical status, as of 10/31/19, session with J. Altuna, S. Lam, L. Milum, M. Pulivarthi, B. Thomas B. Deutsch, A. Nadipally, S. Modupalli, N. Sharma (PG&E), R. Muttavarapu (Sudha), M. Rice, R. Bhaskara (KPMG). to review the status of the developers action items in the MS Project Plan.	0.8	\$ 225.00	\$ 180.00
Rohit Nagdeo	10/31/19	Collaborative session with J. Altuna and S. Lam (PG&E) to resolve the issues with Application 14 POC which was resolved as the Application 14 application worked fine with the newer web server server that supports TLS.	1.6	\$ 225.00	\$ 360.00
Rohit Nagdeo	10/31/19	Collaborative session with S. Modupalli (PG&E) to migrate the policies to Ping platform for Application 9 application.	2.3	\$ 225.00	\$ 517.50
Rohit Nagdeo	10/31/19	Continue, from earlier in the day, collaborative session with J. Altuna and S. Lam (PG&E) to resolve the issues with Application 14 POC which was resolved as the Application 14 application worked fine with the newer web server server that supports TLS.	2.6	\$ 225.00	\$ 585.00
Total IT Software Services (Phase II)			585.8		\$ 131,805.00

EXHIBIT C10**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Quanta Invoice Review Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	10/01/19	0.5 Reviewed certified payroll for five Vendor 5 personnel from five sets of invoices to confirm that personnel not in documentation; 1.8 Summarized documented variance between certified payroll for Vendor 3 for invoices ...206Q to ...208Q and ...417Qto ...421Q; 1.9 Reviewed variance between certified payroll for Vendor 3 for invoices ...201Q to ...203Q;	4.2	\$ 275.00	\$ 1,155.00
Jeffrey Kwan	10/02/19	0.4 Compared spreadsheet of Vendor 3 personnel supporting storm event against personnel on WSIP invoices; 1.2 Reviewed hours of sample Vendor 3 personnel found supporting storm event and on WSIP invoices against Vendor 7 sheets; 0.7 Reviewed certified payroll of sample Vendor 3 personnel found supporting storm event and on WSIP invoices against Vendor 7 sheets; 0.9 Calculated variance between certified payroll for Vendor 3 personnel found supporting storm event and on WSIP invoices for invoices ...206Q to ...208Q; 0.8 Reviewed paystubs for Vendor 2 against hours in Vendor 7 sheets for five sets of invoices; 0.5 Reviewed paystubs for Vendor 4 against hours in Vendor 7 sheets for five sets of invoices; 1.0 Revised summary testing sheet to include updated variance from issues associated with certified payroll from Vendor 3; 0.6 Created instructions for offshore resources to record hours and costs associated with Vendor 7 sheets missing signatures;	6.1	\$ 275.00	\$ 1,677.50
Aayush Bhatia	10/03/19	Create LM&E sheet missing a signature for labor identifying different labor cost	3.0	\$ 135.00	\$ 405.00
Gaurav Mathur	10/03/19	1.0 Meeting with Z. Sasser (Quanta), J. Morris (Quanta), and D. Dupar (PG&E) to discuss the outstanding findings, documents requested, and next steps; 0.5 Develop a status update deck to review with C. Moreland (PG&E) and G. Armstrong (KPMG)	1.5	\$ 400.00	\$ 600.00
Jeffrey Kwan	10/03/19	0.4 Revised summary testing sheet to delineate missing hours from certified payroll to hour discrepancies between certified payroll and invoices; 1.8 Created presentation for status update meeting with Quanta and subsidiaries; 0.7 Reviewed paystubs for Vendor 1 against hours in Vendor 7 sheets for five sets of invoices; 1.3 Discussed findings to date on WSIP ET invoices with Quanta and D. Dupar (PG&E) with G. Mathur (PG&E);	4.2	\$ 275.00	\$ 1,155.00

EXHIBIT C10**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Quanta Invoice Review Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	10/03/19	0.4 Reviewed findings of subsistence and per diem charged without labor hours for instances on Sunday where contract would allow for such charges; 0.8 Prepared template for biweekly status updates on findings to date to share with PG&E and Quanta; 0.9 Prepared template to document spreadsheet of personnel who are working on multiple programs in addition to WSIP for ET; 1.5 Prepared detailed instructions for offshore resource to document spreadsheet of personnel who are working on multiple programs in addition to WSIP for ET, compare certified payroll to invoices for Vendor 3, and document unsigned Vendor 7 sheets to location and calculate variance from hours; 0.4 Revised summary presentation on work to date for C. Moreland (PG&E);	4.0	\$ 275.00	\$ 1,100.00
Clay Gilge	10/04/19	(1.0) Principal review of final report development in advance of meeting with new PG&E engagement sponsor C. Moreland	1.0	\$ 500.00	\$ 500.00
Gaurav Mathur	10/04/19	1.0 Meeting with C. Moreland (PG&E) to discuss the project overview, progress to date, and current state of resolution with Quanta.	1.0	\$ 400.00	\$ 400.00
Jeffrey Kwan	10/04/19	0.9 Reviewed paystubs for Vendor 3 against hours in Vendor 7 sheets for five sets of invoices; 0.2 Spoke with D. Koch (Vendor 4) on requested paystubs and instead providing labor distribution reports; 0.5 Revised findings on paystubs for Vendor 4 after new information was shared; 1.1 Reviewed paystubs for Vendor 5 against hours in Vendor 7 sheets for five sets of invoices; 0.2 Spoke with C. Van Cleave (Vendor 3) on requested paystubs and other documentation to provide:	2.9	\$ 275.00	\$ 797.50
Aayush Bhatia	10/05/19	Create spreadsheet of personnel potentially working on multiple projects for Quanta	3.0	\$ 135.00	\$ 405.00
Aayush Bhatia	10/07/19	Create spreadsheet of personnel potentially working on other projects for Quanta as well as for other contractors, concurrently removing duplicate laborers.	3.1	\$ 135.00	\$ 418.50
Aayush Bhatia	10/07/19	Continue, from earlier on 10/7, creation of spreadsheet of personnel potentially working on other projects for Quanta as well as for other contractors, concurrently removing duplicate laborers.	2.9	\$ 135.00	\$ 391.50
Aayush Bhatia	10/09/19	Performed analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 401Q-405Q by picking up 5 random laborers and 5 by highest number of hours.	3.6	\$ 135.00	\$ 486.00
Aayush Bhatia	10/09/19	Continue analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 401Q-405Q by picking up 5 random laborers and 5 by highest number of hours.	3.4	\$ 135.00	\$ 459.00

EXHIBIT C10**PG&E Corporation and PG&E Company, et.al.****Case No. 19-30088**

Quanta Invoice Review Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Gaurav Mathur	10/09/19	1.0 Reviewed feedback received from Quanta subsidiaries, as of 10/9, concurrently discussing the response with J. Kwan (KPMG)	1.0	\$ 400.00	\$ 400.00
Aayush Bhatia	10/10/19	Continue, as of 10/10, to perform analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 401Q-405Q by picking up 5 random laborers and 5 by highest number of hours.	4.1	\$ 135.00	\$ 553.50
Aayush Bhatia	10/10/19	Continue, from earlier on 10/10, to perform analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 401Q-405Q by picking up 5 random laborers and 5 by highest number of hours.	3.9	\$ 135.00	\$ 526.50
Jeffrey Kwan	10/10/19	1.0 Discussed with G. Mathur (KPMG) current findings to date and tasks yet to be completed; 1.6 Reviewed paystubs for Quanta against hours in Vendor 7 sheets for five sets of invoices; 0.6 Reviewed spreadsheet of personnel prepared by A. Bhatia (KPMG) on spreadsheet of personnel potentially working on multiple projects; 2.3 Prepared summary findings in order to share with Quanta and Vendor 5;	5.5	\$ 275.00	\$ 1,512.50
Aayush Bhatia	10/11/19	Performed analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 511Q-515Q selecting 5 random laborers/ 10 by highest number of hours.	4.3	\$ 135.00	\$ 580.50
Aayush Bhatia	10/11/19	Continued analysis to compare PAR certified payroll against LM&E backup spreadsheets for the invoice set 511Q-515Q selecting 5 random laborers/ 10 by highest number of hours.	3.7	\$ 135.00	\$ 499.50
Jeffrey Kwan	10/11/19	0.5 Follow-up with A. Bhatia (KPMG) completed tasks of identifying spreadsheet of personnel potentially working on multiple projects and reviewing certified payroll from Vendor 3 as well as remaining task of documenting unsigned Vendor 7 sheets; 0.4 Revised spreadsheet of personnel potentially working on multiple projects; 1.4 Revised findings related to variance between certified payroll for Vendor 3 for invoices ...401Q to ...405Q;	2.2	\$ 275.00	\$ 605.00

EXHIBIT C10

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Quanta Invoice Review Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Jeffrey Kwan	10/11/19	1.2 Revised findings related to variance between certified payroll for Vendor 3 for invoices ...511Q to ...515Q; 0.3 Contacted representatives from Vendor 3, Quanta, and Vendor 10 regarding paystubs and other information which can support actual hours performed by salaried personnel working on the ET WSIP; 2.2 Revised summary findings including adding findings related to paystubs, certified payroll, missing documentation, and personnel potentially working on multiple programs in order to share with Quanta and Vendor 5; 1.0 Discussed with G. Mathur (KPMG) response to Quanta and subsidiaries as well as documentation to be shared;	4.8	\$ 275.00	\$ 1,320.00
Aayush Bhatia	10/14/19	Created a spreadsheet of unsigned LMNE sheets after 4/1 by location and hours/cost for the invoice set 417Q-421Q .	4.1	\$ 135.00	\$ 553.50
Jeffrey Kwan	10/14/19	0.5 Communication with A. Bhatia (KPMG) regarding remaining task of documenting unsigned Vendor 7 sheets;	0.5	\$ 275.00	\$ 137.50
Aayush Bhatia	10/15/19	Continued, as of 10/15, preparing spreadsheet of unsigned LMNE sheets after 4/1 by location and hours/cost for the invoice set 417Q-421Q & 511Q-515Q .	3.8	\$ 135.00	\$ 513.00
Aayush Bhatia	10/15/19	Continued, from earlier on 10/15, preparing spreadsheet of unsigned LMNE sheets after 4/1 by location and hours/cost for the invoice set 417Q-421Q & 511Q-515Q .	4.1	\$ 135.00	\$ 553.50
Jeffrey Kwan	10/15/19	1.2 Recorded requested documents from all Quanta subsidiaries and recommendations from KPMG; 1.3 Reviewed /revised work completed by A. Bhatia (KPMG) regarding unsigned Vendor 7 sheets for invoices 511Q to 515Q;	1.5	\$ 275.00	\$ 412.50
Aayush Bhatia	10/16/19	Continued, as of 10/16, preparation of spreadsheet of unsigned LMNE sheets after 4/1 by location and hours/cost for the invoice set 417Q-421Q & 511Q-515Q .	4.3	\$ 135.00	\$ 580.50
Aayush Bhatia	10/16/19	Continued, from earlier on 10/16, preparation of spreadsheet of unsigned LMNE sheets after 4/1 by location and hours/cost for the invoice set 417Q-421Q & 511Q-515Q .	3.7	\$ 135.00	\$ 499.50
Jeffrey Kwan	10/16/19	0.5 Summarized findings from A. Bhatia (KPMG) regarding unsigned Vendor 7 sheets for invoices 417Q to 421Q and 511Q to 515Q;	0.5	\$ 275.00	\$ 137.50
Jeffrey Kwan	10/18/19	0.5 Revised/finalized summarized findings from A. Bhatia (KPMG) regarding unsigned Vendor 7 sheets for invoices 417Q to 421Q and 511Q to 515Q;	0.5	\$ 275.00	\$ 137.50
Total Quanta Invoice Review Services			96.4	\$	19,472.50

EXHIBIT C11

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Data Security Loan Staff Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
<i>no activity current month</i>					
Total Data Security Loan Staff Services			<u>0.0</u>		<u>\$ -</u>

EXHIBIT C12

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088

Endpoint Protection Strategy Assessment Services
October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Amount
Romain Goy	10/16/19	Meeting regarding the Endpoint Protection Strategy Assessment engagement with the following PG&E stakeholders: M. Strasburger, J. Harmon, N. Casey, G. Gadelha, J. Heffelfinger, D. Olton, J. Medina, S. Rai, R. Sadasivan, D. Hayr, S. Kuppuswamy and S. Trivedi (PG&E).	2.0	
Total Endpoint Protection Strategy Assessment Services			<u>2.0</u>	<u>\$ -</u> ⁽¹⁾

⁽¹⁾ KPMG and the Debtors agreed to fixed-fee compensation for the Endpoint Protection Strategy Assessment Services. KPMG is not requesting any of the fixed-fee amount in the current month.

EXHIBIT C13

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Data Security CCPA Support Staff Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Bob Zhang	10/01/19	1.0 Meeting with D. Graves (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), M. Milatovich (PG&E) to plan next steps for DSPO;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/01/19	1.5 Extracted flat file scans created during scanning process; 3.0 Updated out of scope scans	4.5	\$ 135.00	\$ 607.50
Bob Zhang	10/01/19	2.5 Updated CCPA tracker as of 10/1 to reflect scans completed over night	2.5	\$ 135.00	\$ 337.50
Josh Conkel	10/01/19	1.0 Meeting with G. Vadathu (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG) to review the Cloud DLP Recommendations for Enforcement Actions deliverable for stakeholder approval.	1.0	\$ 224.00	\$ 224.00
Bob Zhang	10/02/19	0.5 Requested AMPS access in order to perform scanning on that database	0.5	\$ 135.00	\$ 67.50
Bob Zhang	10/02/19	1.2 Meeting with D. Graves (PG&E), D. Gaurav (PG&E), K. Cook (PG&E) K. Muppa (PG&E), M. Milatovich (PG&E) to plan next steps for DSPO and preparation for next meeting;	1.2	\$ 135.00	\$ 162.00
Bob Zhang	10/02/19	3.0 Developed slide deck for DSPO meeting; 1.0 Continued, from earlier on 10/3, analysis of non-production databases.	4.0	\$ 135.00	\$ 540.00
Bob Zhang	10/02/19	3.3 Performed analysis of non-production databases	3.3	\$ 135.00	\$ 445.50
Josh Conkel	10/02/19	1.5 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), A. Hernandez (Symantec), T. Sedgwick (KPMG), and G. Dupree (KPMG) to review the proposed DLP architecture diagrams, server hardware capabilities, and high-level PG&E data footprints with Symantec support representative A. Hernandez (Symantec) in order to confirm that the planned data loss prevention (DLP) architecture builds will meet the needs of PG&E to scan and secure data in the internal and public cloud. 0.5 Meeting with M. Javier (PG&E), C. Jennings (PG&E), T. Sedgwick (KPMG), and G. Dupree (KPMG) to discuss the goals of the Data Security Program, options for running the data loss prevention (DLP) test scans against HR data, and next steps for selecting Human Resources SharePoint sites and network file shares to scan in order to fulfill project deliverable requirements.	2.0	\$ 224.00	\$ 448.00
Bob Zhang	10/03/19	1.2 Meeting with D. Graves (PG&E), D. Gaurav (PG&E), R. Amer (PG&E), T. Howe (PG&E), G. Vadathu (PG&E), K. Cook (PG&E), K. Muppa (PG&E), M. Milatovich (PG&E), J. Conkel (KPMG) for weekly DSPO meeting. Discussed adding elements to CCPA tracker, upgrading DLP system, inventory of non-production databases;	1.2	\$ 135.00	\$ 162.00
Bob Zhang	10/03/19	2.8 Analyzed scan incidents as of 10/3	2.8	\$ 135.00	\$ 378.00
Bob Zhang	10/03/19	3.0 Continued, as of 10/3, analysis of non-production databases.	3.0	\$ 135.00	\$ 405.00

EXHIBIT C13

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Data Security CCPA Support Staff Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/04/19	Reconfigured four additional database targets within the DLP system to use the new policies to determine what data elements were found in the databases in question. Targets included two Oracle (.5) and two MSSQL (.5) database servers.	1.0	\$ 224.00	\$ 224.00
Bob Zhang	10/07/19	0.5 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss collecting databases for non-production scanning.	0.5	\$ 135.00	\$ 67.50
Bob Zhang	10/07/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG) to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance workstreams.;	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/07/19	1.5 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), F. Molina (PG&E), S. Yem (PG&E), C. Mattos (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG) to share updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders. Additionally, DLP infrastructure requirements were discussed to determine how many servers are needed to scan structured databases, unstructured data, and data stored in the public cloud.;	1.5	\$ 135.00	\$ 202.50
Bob Zhang	10/07/19	2.5 Updated DSPO / CCPA tracker to reflect scans completed as of 10/7	2.5	\$ 135.00	\$ 337.50
Bob Zhang	10/07/19	2.9 Began collecting data sources for non-production scanning	2.9	\$ 135.00	\$ 391.50
Josh Conkel	10/07/19	(1.3) CCPA project Assessment and Remediation meeting with R. Amer (PG&E), K. Cook (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), S. Yem (PG&E), and J. Conkel (KPMG). Topics of discussion included using policies in the data loss prevention system to report individual data elements found during scans, how to detect and remediate unknown services on database servers, and how to automate inventory processes. (4.2) - Built a total of six policies in the data loss protection system (0.7 hours per policy) to detect individual data elements during system scans. This effectively turns the data loss prevention system into a detailed data discovery system	5.5	\$ 224.00	\$ 1,232.00
Bob Zhang	10/08/19	2.8 Updated DSPO / CCPA tracker for scans completed as of 10/8	2.8	\$ 135.00	\$ 378.00
Bob Zhang	10/08/19	0.8 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), J. Conkel (KPMG) for weekly call on data discovery, inventory, and scanning. Discussed compiling list of non-production databases, creating policy updates in DLP console, CCB database discovery, upcoming DLP scanning.;	0.8	\$ 135.00	\$ 108.00

EXHIBIT C13

PG&E Corporation and PG&E Company, et.al.
Case No. 19-30088
 Data Security CCPA Support Staff Services
 October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Bob Zhang	10/08/19	1.0 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss collecting databases for non-production scanning.	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/08/19	3.4 Continued, as of 10/8, collecting data sources for non-production scanning	3.4	\$ 135.00	\$ 459.00
Josh Conkel	10/08/19	(.8) - Completed non-project application enhancement form to request additional data elements from the PG&E Customer Care database (CC&B). These additional elements will be used to scan for customer data in greater detail throughout PG&E. (.7) - Prepared / submitted the non-project application enhancement form through a phone call to the Technical Support Center (TSC) for processing.	1.5	\$ 224.00	\$ 336.00
Josh Conkel	10/08/19	(1.5) - Weekly CCPA project Data Discovery, Inventory, and Scanning meeting with R. Amer (PG&E), K. Cook (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), S. Yem (PG&E), and J. Conkel (KPMG). Topics of discussion included using policies in the data loss prevention system to report individual data elements found during scans, how to detect and remediate unknown services on database servers, and how to automate inventory processes. - Generated exact data match index for the production Symantec Data Loss Protection. This was required because the existing index could not be used with the new version of the system, and nobody else on the project had the access to perform the work. Activities included pulling customer data from the Customer Data Warehouse (1.1), validating the data export (.4), and generating the exact data match index for use by the data loss prevention system (3.8). Index was generated successfully, and handed over to the PG&E data loss prevention admins for import.	6.8	\$ 224.00	\$ 1,523.20
Josh Conkel	10/08/19	(2.7) - Performed repairs on the Symantec Data Loss Protection test environment where no incidents were being processed or stored. Traced to an issue stemming from the version upgrade performed by PG&E in September. Fixed issue, incidents are now being generated and logged in the system.	2.7	\$ 224.00	\$ 604.80
Bob Zhang	10/09/19	.7 Continued, as of 10/9, collecting data sources for non-production scanning	0.7	\$ 135.00	\$ 94.50
Bob Zhang	10/09/19	1.9 Updated DSPO / CCPA tracker scans completed as of 10/9	1.9	\$ 135.00	\$ 256.50
Bob Zhang	10/09/19	2.1 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss collecting databases for non-production scanning.	2.1	\$ 135.00	\$ 283.50
Bob Zhang	10/09/19	3.3 Continue, as of 10/9, collection of data sources for non-production scanning	3.3	\$ 135.00	\$ 445.50

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Data Security CCPA Support Staff Services
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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/09/19	(.5) - Meeting with T. Howe (PG&E), D. Graves (PG&E), and J. Conkel (KPMG) to discuss the use of a secure file deletion application at PG&E to delete confidential and restricted data files as they are processed and require secure disposal.	0.5	\$ 224.00	\$ 112.00
Bob Zhang	10/10/19	1.0 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss collecting databases for non-production scanning.;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/10/19	1.1 Meeting with D. Graves (PG&E), D. Gaurav (PG&E), R. Amer (PG&E), T. Howe (PG&E), G. Vadathu (PG&E), K. Cook (PG&E), K. Muppa (PG&E), M. Milatovich (PG&E), J. Conkel (KPMG) for weekly DSPO meeting. Discussed non-production inventory, updating trackers, changing DLP policies;	1.1	\$ 135.00	\$ 148.50
Bob Zhang	10/10/19	1.5 Continued, from earlier on 10/10 collecting data sources for non-production scanning	1.5	\$ 135.00	\$ 202.50
Bob Zhang	10/10/19	1.9 Updated DSPO / CCPA tracker to reflect scans completed as of 10/10	1.9	\$ 135.00	\$ 256.50
Bob Zhang	10/10/19	2.5 Continued, as of 10/10, collecting data sources for non-production scanning	2.5	\$ 135.00	\$ 337.50
Josh Conkel	10/10/19	(2.0) - Attended MetricStream Power Users meeting with the PG&E MetricStream community members (very large list, can provide upon request). The purpose of attendance was to meet the MetricStream vendor representatives (D. Montgomery (MetricStream), J. Curtis (MetricStream), S. Jain (MetricStream), M. Milton (MetricStream), and S. Marichettiar (MetricStream) to identify opportunities for integration between the MetricStream governance, risk, and compliance tool with the project's Collibra data governance tool.	2.0	\$ 224.00	\$ 448.00
Bob Zhang	10/11/19	0.6 Continued (10/11) collection of data sources for non-production scanning;	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/11/19	1.0 Updated DSPO tracker to reflect scans completed overnight.; 3.4 Collecting data sources for non-production scanning as of 10/11	4.4	\$ 135.00	\$ 594.00
Bob Zhang	10/11/19	3.0 Begin to perform scanning process over production databases	3.0	\$ 135.00	\$ 405.00
Josh Conkel	10/11/19	(1.5) - Provided options to B. Spell (PG&E), N. Ranganathan (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), K. Muppa (PG&E), and C. Yee (PG&E) on how to implement the data element data dection policies in the production data loss prevention system, as well as detailed guidance on how to select the data elements for exclusion in the policies. These will be put in place by the PG&E internal data loss prevention support team.	1.5	\$ 224.00	\$ 336.00
Bob Zhang	10/14/19	1.0 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss upcoming scanning and future process;	1.0	\$ 135.00	\$ 135.00

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Name	Date	Description	Hours	Rate	Amount
Bob Zhang	10/14/19	1.1 Meeting with T. Howe (PG&E), G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E), T. Sedgwick (KPMG), J. Conkel (KPMG) to discuss updates and planned activities for the week related to the DLP, De-ID, and Data Inventory workstreams with PG&E stakeholders.:	1.1	\$ 135.00	\$ 148.50
Bob Zhang	10/14/19	2.0 Set up scans for 10/14 CCPA scanning to be performed overnight	2.0	\$ 135.00	\$ 270.00
Bob Zhang	10/14/19	0.9 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG) to discuss the actions items and task-in-motion for deliverables related to the Data Inventory, Data Loss Prevention, De-Identification, and CCPA workstreams.:	0.9	\$ 135.00	\$ 121.50
Bob Zhang	10/14/19	3.0 Updated reconciliation list for completed scans as of 10/14	3.0	\$ 135.00	\$ 405.00
Josh Conkel	10/14/19	1.3 - CCPA project Assessment and Remediation (10/14) meeting with R. Amer (PG&E), K. Cook (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), S. Yem (PG&E), and J. Conkel (KPMG). Topics of discussion included using policies in the data loss prevention system to report individual data elements found during scans, how to detect and remediate unknown services on database servers, and how to automate inventory processes. 1.5 - Drafted email to C. Yee (PG&E) detailing how data loss prevention scans need to be configured in order to report on individual data elements. 0.2 - Sent aforementioned email to C. Yee (PG&E), B. Spell (PG&E), G. Vadathu (PG&E), and T. Howe (PG&E)	3.0	\$ 224.00	\$ 672.00
Bob Zhang	10/15/19	2.0 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss splitting up upcoming scanning;	2.0	\$ 135.00	\$ 270.00
Bob Zhang	10/15/19	3.0 Perform 10/15 set up of scans for CCPA scanning;	3.0	\$ 135.00	\$ 405.00
Bob Zhang	10/15/19	3.0 Updated reconciliation list for completed scans as of 10/15	3.0	\$ 135.00	\$ 405.00
Josh Conkel	10/15/19	1.5 Tested data loss prevention scans from policies created by C. Yee (PG&E) successfully, and identified individual data elements within databases at PG&E.	1.5	\$ 224.00	\$ 336.00
Bob Zhang	10/16/19	1.0 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), T. Howe (PG&E), N. Kumar (PG&E), R. Amer (PG&E), J. Conkel (KPMG) for weekly meeting for data discovery, inventory, scanning. Discussed inventory of non-production databases, scanning plan for production databases, collecting analysis from new EDM index.	1.0	\$ 135.00	\$ 135.00

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Name	Date	Description	Hours	Rate	Amount
Bob Zhang	10/16/19	1.2 Meeting with G. Vadathu (PG&E), C. Mattos (PG&E), B. Spell (PG&E), D. Gaurav (PG&E), N. Kumar (PG&E), K. Muppa (PG&E), S. Yem (PG&E), K. Cook (PG&E), J. Conkel (KPMG) to discuss updates to Data Loss Prevention and De-Identification workstreams. Participants resolved to schedule reviews with operations team on specific de-identification deliverables, and reviewed and discussed the Data Loss Prevention cloud architecture design.	1.2	\$ 135.00	\$ 162.00
Bob Zhang	10/16/19	1.5 Meeting with K. Muppa (PG&E), N. Kumar (PG&E) to discuss production database scanning;	1.5	\$ 135.00	\$ 202.50
Bob Zhang	10/16/19	1.8 Updated reconciliation list for scans completed as of 10/16	1.8	\$ 135.00	\$ 243.00
Bob Zhang	10/16/19	2.5 Perform 10/16 set up of production database scans to be performed overnight	2.5	\$ 135.00	\$ 337.50
Josh Conkel	10/16/19	1.0 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), T. Howe (PG&E), N. Kumar (PG&E), R. Amer (PG&E), B. Zhang (KPMG) for weekly meeting for data discovery, inventory, scanning. Discussed inventory of non-production databases, scanning plan for production databases, collecting analysis from new EDM index. 1.1 Meeting with D. Gaurav (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), K. Cook (PG&E), T. Howe (PG&E), and T. Crittendon (PG&E) to identify the next steps and provide support to the owners to close the Oracle listener on the MSSQL server as we agreed with them. 0.9 Built Symantec data loss protection reports to be used for reporting of individual data elements discovered by the system.	3.0	\$ 224.00	\$ 672.00
Bob Zhang	10/17/19	0.6 Perform 10/17 set up of production database scans to be performed overnight	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/17/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), D. Graves (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), N. Kumar (PG&E), J. Conkel (KPMG) for Data Security All Hands meeting. Discussed updates to asset-data misclassification in AMPS, MetricSteam implementation, non-production inventory and scanning, production scanning, reporting.;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/17/19	1.0 Meeting with K. Cook (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E) to discuss the upcoming plans for DSPO;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/17/19	2.0 Updated reconciliation list for completed scans as of 10/17	2.0	\$ 135.00	\$ 270.00
Bob Zhang	10/17/19	3.4 Perform 10/17 set up of production database scans for scans to be run overnight	3.4	\$ 135.00	\$ 459.00

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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/17/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), D. Graves (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), N. Kumar (PG&E), B. Zhang (KPMG) for Data Security All Hands meeting. Discussed updates to asset-data misclassification in AMPS, MetricSteam implementation, non-production inventory and scanning, production scanning, reporting. 2.5 Analyzed system requirements to install application programming interface integration on the Symantec data loss protection system.	3.5	\$ 224.00	\$ 784.00
Bob Zhang	10/18/19	0.9 Perform 10/18 set up of production database scans for scans to be run overnight	0.9	\$ 135.00	\$ 121.50
Bob Zhang	10/18/19	2.0 Updated reconciliation list for completed scans as of 10/18	2.0	\$ 135.00	\$ 270.00
Bob Zhang	10/18/19	3.1 Perform 10/18 set up of production database scanning for scans to be run overnight	3.1	\$ 135.00	\$ 418.50
Josh Conkel	10/18/19	Analyzed system requirements to deploy standalone DLP reporting capabilities at PG&E. This included elements around the level of effort required to deploy infrastructure (1.8), required software (2.1), level of effort for initial configuration (2.7), and API integration opportunities (2.4).	9.0	\$ 224.00	\$ 2,016.00
Bob Zhang	10/21/19	3.3 Perform 10/21 set up of production database scans to be performed overnight	3.3	\$ 135.00	\$ 445.50
Bob Zhang	10/21/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG) to discuss the action items and deliverable statuses, as of 10/21, related to the Data Inventory, Data Loss Prevention, De-Identification, and California Consumer Privacy Act (CCPA) work streams.	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/21/19	1.0 Meeting with N. Kumar (PG&E), K. Muppa (PG&E) to discuss remediation of production database scanning and non-production database scanning;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/21/19	1.1 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), D. Gaurav (PG&E), K. Muppa (PG&E), K. Cook (PG&E) to share updates and planned activities for the week related to the Data Loss Prevention, De-Identification, and Data Inventory work streams with PG&E stakeholders. B. Zhang (KPMG) discussed the tasks-in-motion and planned activities related to the California Consumer Privacy Act (CCPA) work stream.	1.1	\$ 135.00	\$ 148.50
Bob Zhang	10/21/19	2.0 Updated reconciliation list for scans completed as of 10/21	2.0	\$ 135.00	\$ 270.00

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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/21/19	1.3 - CCPA project Assessment and Remediation 10/21 meeting with R. Amer (PG&E), K. Cook (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), S. Yem (PG&E), and J. Conkel (KPMG). Topics of discussion included using policies in the data loss prevention system to report individual data elements found during scans, how to detect and remediate unknown services on database servers, and how to automate inventory processes. 1.2 - Finalized list of configuration items that need changed in the data loss prevention system to avoid system storage issues	2.5	\$ 224.00	\$ 560.00
Bob Zhang	10/22/19	0.6 Perform 10/22 set up of production database scans to be performed overnight	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/22/19	0.7 Meeting with N. Kumar (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), J. Conkel (KPMG) for weekly data discovery, inventory, and scanning meeting. Discussed DLP console reaching 1M incidents, non-production database inventory, upcoming scanning plan.;	0.7	\$ 135.00	\$ 94.50
Bob Zhang	10/22/19	3.3 Updated reconciliation list for scans completed as of 10/22	3.3	\$ 135.00	\$ 445.50
Bob Zhang	10/22/19	3.4 Perform 10/22 set up of production database scans for scans to be run overnight	3.4	\$ 135.00	\$ 459.00
Josh Conkel	10/22/19	0.7 Meeting with N. Kumar (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), B. Zhang (KPMG) for weekly data discovery, inventory, and scanning meeting. Discussed DLP console reaching 1M incidents, non-production database inventory, upcoming scanning plan. 0.8 Prepared / submitted budgetary estimate for the DLP reporting server environment to G. Vadathu (PG&E)	1.5	\$ 224.00	\$ 336.00
Bob Zhang	10/23/19	1.0 Meeting with G. Vadathu (PG&E), S. Yem (PG&E), C. Mattos (PG&E), B. Spell (PG&E), K. Muppa (PG&E), D. Gaurav (PG&E), M. Ramirez(PG&E), D. Graves (PG&E), N. Kumar (PG&E), T. Sedgwick (KPMG), G. Rich (KPMG), J. Conkel (KPMG), G. Dupree (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to discuss updates to Data Loss Prevention Expansion and De-Identification workstreams. T. Sedgwick (KPMG) led questions on both workstreams, G. Rich (KPMG) provided specific updates for the De-Identification workstream with support from Y. Kerzner (KPMG), J. Conkel (KPMG) facilitated the Data Loss Prevention workstream discussion with primary support from G. Dupree (KPMG) and B. Zhang (KPMG) (who is providing California Consumer Privacy Act support for the Data Loss Prevention workstream).;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/23/19	1.4 Complete 10/23 set up of production database scans for scans to be run overnight	1.4	\$ 135.00	\$ 189.00
Bob Zhang	10/23/19	2.6 Perform 10/23 set up of production database scans for scans to be run overnight	2.6	\$ 135.00	\$ 351.00

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Name	Date	Description	Hours	Rate	Amount
Bob Zhang	10/23/19	3.0 Updated reconciliation list for completed scans as of 10/23	3.0	\$ 135.00	\$ 405.00
Josh Conkel	10/23/19	1.0 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), T. Howe (PG&E), N. Kumar (PG&E), R. Amer (PG&E), B. Zhang (KPMG) for weekly meeting for data discovery, inventory, scanning. Discussed inventory of non-production databases, scanning plan for production databases, collecting analysis from new EDM index.	1.0	\$ 224.00	\$ 224.00
Bob Zhang	10/24/19	1.0 Complete 10/24 set up of production database scans for scans to be run overnight	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/24/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), J. Conkel (KPMG) for Data Security All Hands meeting. Discussed non-production inventory and scanning, verifying data sources, database analysis of PII.	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/24/19	3.0 Perform 10/24 set up of production database scans for scans to be run overnight	3.0	\$ 135.00	\$ 405.00
Bob Zhang	10/24/19	3.0 Updated reconciliation list for completed scans as of 10/24	3.0	\$ 135.00	\$ 405.00
Josh Conkel	10/24/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), B. Zhang (KPMG) for Data Security All Hands meeting. Discussed non-production inventory and scanning, verifying data sources, database analysis of PII. Analyzed system requirements for installation of TenableSC (formerly Tenable Security Center) in PG&E's test environment. This included an analysis of existing capacity in the PG&E test environment (.8), review of the platform installation documentation (2.1), and vendor configuration recommendations (1.4). 0.7 - Prepared / submitted sales information inquiry on Tenable's site for budgetary pricing information.	6.0	\$ 224.00	\$ 1,344.00
Bob Zhang	10/25/19	0.5 Meeting with J. Conkel (KPMG) for Data Security Program Touchpoint. Discussed test environment access, data collection process improvements, engagement progress and plans.;	0.5	\$ 135.00	\$ 67.50
Bob Zhang	10/25/19	1.5 Continued, as of 10/25, set up production database scans for overnight run ;	1.5	\$ 135.00	\$ 202.50
Bob Zhang	10/25/19	3.2 Perform 10/25 set up of production database scans for scans to be run overnight	3.2	\$ 135.00	\$ 432.00
Bob Zhang	10/25/19	2.8 Updated reconciliation list for completed scans as of 10/25	2.8	\$ 135.00	\$ 378.00

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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/25/19	0.5 Meeting with J. Conkel (KPMG), B. Zhang (KPMG) for Data Security Program Touchpoint. Discussed test environment access, data collection process improvements, engagement progress and plans. 0.9 Meeting with J. Conkel (KPMG) and A. Spiga (Tenable) to obtain a budgetary estimate for Tenable product licenses to create a test environment at PG&E. Created a budgetary funding estimate including project staffing estimates (2.6), high level task list (1.5), and business requirements (1.0)	6.5	\$ 224.00	\$ 1,456.00
Bob Zhang	10/28/19	0.6 Meeting with T. Sedgwick (KPMG), J. Conkel (KPMG), K. Hornland (KPMG), Y. Kerzner (KPMG), G. Dupree (KPMG) for an to discuss progress and next steps for Data Warehouse, DLP, Data De-identification, and Data Governance workstreams, with extra emphasis on driving deliverables towards end-of-month and scheduling various meetings.	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/28/19	0.9 Complete 10/28 set up of production database scanning for scans to be run overnight	0.9	\$ 135.00	\$ 121.50
Bob Zhang	10/28/19	3.1 Perform 10/28 set up of production database scanning for scans to be run overnight	3.1	\$ 135.00	\$ 418.50
Bob Zhang	10/28/19	3.4 Updated reconciliation list for scans completed as of 10/28	3.4	\$ 135.00	\$ 459.00
Josh Conkel	10/28/19	1.3 - Weekly CCPA project Assessment and Remediation meeting with R. Amer (PG&E), K. Cook (PG&E), D. Graves (PG&E), M. Milatovich (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), S. Yem (PG&E), and J. Conkel (KPMG). Topics of discussion included using policies in the data loss prevention system to report individual data elements found during scans, how to detect and remediate unknown services on database servers, and how to automate inventory processes. 2.2 - Performed troubleshooting on issues related to adding Symantec Data Loss Prevention network protect servers to the Enforce console in test. It appears there are firewall rules blocking command and control port communication.	3.5	\$ 224.00	\$ 784.00
Bob Zhang	10/29/19	0.3 Complete 10/29 set up of production database scanning to be performed overnight	0.3	\$ 135.00	\$ 40.50
Bob Zhang	10/29/19	1.1 Meeting with N. Kumar (PG&E), K. Muppa (PG&E), K. Cook (PG&E), G. Vadathu (PG&E), J. Conkel (KPMG) for weekly data discovery, inventory, and scanning meeting. Discussed DLP troubleshooting, production and non-production database scanning.	1.1	\$ 135.00	\$ 148.50
Bob Zhang	10/29/19	3.4 Perform 10/29 set up of production database scans for scans to be run overnight	3.4	\$ 135.00	\$ 459.00
Bob Zhang	10/29/19	3.2 Updated reconciliation list for scans completed as of 10/29	3.2	\$ 135.00	\$ 432.00

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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/29/19	1.0 Meeting with G. Vadathu (PG&E), K. Muppa (PG&E), T. Howe (PG&E), N. Kumar (PG&E), R. Amer (PG&E), B. Zhang (KPMG) for weekly meeting for data discovery, inventory, scanning. Discussed inventory of non-production databases, scanning plan for production databases, collecting analysis from new EDM index. 1.6 Analyzed licensing required in order to use Azure Information Protection P2 with the Azure data loss prevention solution in PG&E's cloud environment. 1.4 Prepared initial draft of hybrid data loss prevention platform that retained capabilities needed both on-premises and in the cloud.	4.0	\$ 224.00	\$ 896.00
Bob Zhang	10/30/19	0.5 Complete 10/30 set up of production database scans for scans to be run overnight	0.5	\$ 135.00	\$ 67.50
Bob Zhang	10/30/19	1.2 Meeting with D. Gaurav (PG&E), B. Spell (PG&E), K. Muppa (PG&E), G. Vadathu (PG&E), C. Mattos (PG&E), D. Graves (PG&E), N. Kumar (PG&E), J. Conkel (KPMG), T. Sedgwick (KPMG), G. Dupree (KPMG), B. Zhang (KPMG), Y. Kerzner (KPMG) to discuss weekly progress in the Data Loss Prevention, Data Inventory, and De-Identification workstreams, including configuration issues for Symantec, meetings about design patterns, and discussing Disaster Recovery options for both De-Identification and Data Loss Prevention workstreams.	1.2	\$ 135.00	\$ 162.00
Bob Zhang	10/30/19	3.0 Perform 10/30 set up of production database scans for scans to be run overnight	3.0	\$ 135.00	\$ 405.00
Bob Zhang	10/30/19	3.3 Updated reconciliation list for scans completed as of 10/30	3.3	\$ 135.00	\$ 445.50
Josh Conkel	10/30/19	Analyzed Symantec Data Loss Prevention log files to determine root cause of FileReader service restarts. This included (downloading and reviewing the logs for a server in production (.4) and testing (.3), and analyzing the error messages in the production (1.3) and test (1.0) logs.	3.0	\$ 224.00	\$ 672.00
Bob Zhang	10/31/19	0.6 Complete 10/31 set up of production database scans for scans to be run overnight	0.6	\$ 135.00	\$ 81.00
Bob Zhang	10/31/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), T. Howe (PG&E), N. Kumar (PG&E), J. Conkel (KPMG) for Data Security All Hands meeting. Discussed updates to EDM index, coordinating with CCPA team.;	1.0	\$ 135.00	\$ 135.00
Bob Zhang	10/31/19	3.0 Consolidate database scan results as of 10/31	3.0	\$ 135.00	\$ 405.00
Bob Zhang	10/31/19	3.4 Perform 10/31 set up of production database scans for scans to be run overnight	3.4	\$ 135.00	\$ 459.00

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Name	Date	Description	Hours	Rate	Amount
Josh Conkel	10/31/19	1.0 Meeting with D. Graves (PG&E), M. Milatovich (PG&E), D. Graves (PG&E), K. Cook (PG&E), R. Amer (PG&E), D. Gaurav (PG&E), G. Vadathu (PG&E), N. Kumar (PG&E), B. Zhang (KPMG) for Data Security All Hands meeting. Discussed updates to asset-data misclassification in AMPS, MetricStream implementation, non-production inventory and scanning, production scanning, reporting. 2.0 Analyzed scan results in production to determine why data that should be excluded from scans were appearing in the results and causing incidents. Determined that the policies may have been replicated incorrectly from test to production	3.0	\$ 224.00	\$ 672.00
Total Data Security CCPA Support Staff Services			249.5		\$ 40,402.00

EXHIBIT C14

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Tax and Accounting On-Call Services
October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Erik Lange	10/24/19	Meeting with J. Garboden (PG&E) to discuss regulatory accounting question	1.0	\$ 850.00	\$ 850.00
Total Tax and Accounting On-Call Services			<u>1.0</u>		<u>\$ 850.00</u>

EXHIBIT C15

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Permitting Spend Analysis Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Rachael Graening	10/01/19	Phase 1 – Review permit payments by PG&E in 2018 and a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently manually recording any fines / penalties associated with 120 out my assigned 551 payments.	3.4	\$ 425.00	\$ 1,445.00
Bellamy Yoo	10/01/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 40 out my assigned 298 payments.	3.4	\$ 325.00	\$ 1,105.00
Jonathan Boldt	10/01/19	Phase 1 – Perform second level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently confirming initial review or adjusting initial review records for 46 out my assigned 208 payments.	3.3	\$ 325.00	\$ 1,072.50
Stephen Greer	10/01/19	Phase - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 30 out my assigned 135 payments.	3.0	\$ 475.00	\$ 1,425.00
Michelle Yeung	10/01/19	Phase 1 – Review permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently manually recording any fines / penalties associated with 58 out my assigned 458 payments.	3.0	\$ 325.00	\$ 975.00
Jonathan Boldt	10/01/19	Phase 1 – Perform second level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently confirming initial review or adjusting initial review records for 39 out my assigned 208 payments.	2.7	\$ 325.00	\$ 877.50
Michelle Yeung	10/01/19	Phase 1 - Review, concurrently reconciling permit payments by PG&E in 2018 / 2019 to selected vendors within 3 jurisdictions as well as ensuring documentation provided by PG&E was complete / comprehensive.	2.7	\$ 325.00	\$ 877.50
Tabitha Gaustad	10/01/19	P-Card analysis: Analyzed data provided by M. Mitchener (PG&E) last week to determine data transformation required to analyze raw data (parsing data into multiple columns, formatting raw data, enriching data fields), concurrently comparing data from M. Mitchener (PG&E) to data provided by P. Tam (PG&E) as well as studying how AHJ's (authorities having jurisdiction) could be identified within data / observed how P-card convenience card expenditures appear in the data across time.	2.3	\$ 550.00	\$ 1,265.00
Christopher Wong	10/01/19	Phase 1 Review - Review permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by opening PDFs to manually record any fines / penalties associated with 73 out my assigned 487 payments.	2.2	\$ 325.00	\$ 715.00

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	10/01/19	Phase 1 – Review permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently manually recording any fines / penalties associated with 39 out my assigned 458 payments.	2.1	\$ 325.00	\$ 682.50
Kimberly Johnson	10/01/19	Review, as of 10/01/19, of QC reviewer combination of file, concurrently providing feedback via email on necessary updates / changes to the existing file.	2.0	\$ 475.00	\$ 950.00
Kimberly Johnson	10/01/19	Senior associate review of 1st level work on permitted payments total of 200 out of 1700 records.	2.0	\$ 475.00	\$ 950.00
Christopher Wong	10/01/19	Document Logging - Incorporating documents received, as of 10/01/19, from PG&E into an Excel tracker. (Files are typically PDFs / spreadsheets / are typically received either through email or encrypted USB)	1.9	\$ 325.00	\$ 617.50
Jonathan Boldt	10/01/19	Phase 1 – Perform second level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently confirming initial review or adjusting initial review records for 25 out my assigned 208 payments.	1.8	\$ 325.00	\$ 585.00
Juan Gonzalez III	10/01/19	Data analysis review/discussion regarding estimation of run rate / evaluation of implications for project cost beyond the initial targeted sample with K. Johnson (KPMG Senior Associate) and T. Gaustad (KPMG Director) for discussion with PG&E	1.5	\$ 625.00	\$ 937.50
Tabitha Gaustad	10/01/19	Data analysis review/discussion regarding estimation of run rate / evaluation of implications for project cost beyond the initial targeted sample with S. Johnson (KPMG Senior Associate) and J. Gonzalez III (KPMG Principal) for discussion with PG&E	1.5	\$ 550.00	\$ 825.00
Kimberly Johnson	10/01/19	Data analysis review/discussion regarding estimation of run rate / evaluation of implications for project cost beyond the initial targeted sample with T. Gaustad (KPMG Director) and J. Gonzalez III (KPMG Principal) for discussion with PG&E	1.5	\$ 475.00	\$ 712.50
Tabitha Gaustad	10/01/19	Prepare status meeting material for 10/01/19 status meeting by collecting / aggregating testing information / updating reporting tables / drafting next project activities / open items.	1.2	\$ 550.00	\$ 660.00
Bellamy Yoo	10/01/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 20 out my assigned 298 payments.	1.1	\$ 325.00	\$ 357.50
Tabitha Gaustad	10/01/19	Meeting Oversight of project activities and future action items for Permitting Spend Analysis with S. Stoddard (KPMG Director), K. Johnson (KPMG Senior Associate), and J. Gonzalez III (Principal, KPMG).	1.0	\$ 550.00	\$ 550.00

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	10/01/19	Meeting Oversight of project activities and future action items for Permitting Spend Analysis with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), and J. Gonzalez III (Principal, KPMG).	1.0	\$ 475.00	\$ 475.00
Juan Gonzalez III	10/01/19	Meeting Oversight of project activities and future action items for Permitting Spend Analysis with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), and K. Johnson (KPMG Senior Associate).	1.0	\$ 625.00	\$ 625.00
Scott Stoddard	10/01/19	Meeting Oversight of project activities and future action items for Permitting Spend Analysis with T. Gaustad (KPMG Director), K. Johnson (KPMG Senior Associate), and J. Gonzalez III (Principal, KPMG).	1.0	\$ 550.00	\$ 550.00
Scott Stoddard	10/01/19	Prepare Permitting Spend Analysis project status update, as of 10/01/19, after discussions with PG&E / KPMG staff.	1.0	\$ 550.00	\$ 550.00
Scott Stoddard	10/01/19	Review invoices where forensic team has questions as of 10/1, concurrently providing comments / feedback.	1.0	\$ 550.00	\$ 550.00
Tabitha Gaustad	10/01/19	Discussion regarding permit related payments as it coincides with project funding, wire payments, and p-cards with K. Johnson (KPMG Senior Associate), R. Rothman, and M. Jones (PG&E).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/01/19	Discussion regarding permit related payments as it coincides with project funding, wire payments, and p-cards with T. Gaustad (KPMG Director), R. Rothman, and M. Jones (PG&E).	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	10/01/19	Discussion regarding use of machine learning as a method to reduce costs and drive efficiency and whether or not such a technique could be used to help PG&E solve its permitting issue. Attendees: K. Johnson (KPMG Senior Associate), J. Gonzalez III (KPMG Principal), C. Tunasar (KPMG Principal).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/01/19	Discussion regarding use of machine learning as a method to reduce costs and drive efficiency and whether or not such a technique could be used to help PG&E solve its permitting issue. Attendees: J. Gonzalez III (KPMG Principal), T. Gaustad (KPMG Director), C. Tunasar (KPMG Principal).	0.5	\$ 475.00	\$ 237.50
Juan Gonzalez III	10/01/19	Discussion regarding use of machine learning as a method to reduce costs and drive efficiency and whether or not such a technique could be used to help PG&E solve its permitting issue. Attendees: K. Johnson (KPMG Senior Associate), T. Gaustad (KPMG Director), C. Tunasar (KPMG Principal).	0.5	\$ 625.00	\$ 312.50
Scott Stoddard	10/01/19	Meeting regarding outstanding items, as of 10/1, and potential resources with K. Johnson (KPMG Senior Associate) and R. Chriss (PG&E).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/01/19	Meeting regarding outstanding items, as of 10/1, and potential resources with S. Stoddard (KPMG Director), and R. Chriss (PG&E).	0.5	\$ 475.00	\$ 237.50
Kimberly Johnson	10/02/19	Applying methodology to sample contractor data received for contractor transactions downloaded from SAP.	1.0	\$ 475.00	\$ 475.00

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Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/02/19	Discussion regarding draft status update/ adjustments based on real-time developments with K. Johnson (KPMG Senior Associate) and J. Gonzalez III (KPMG Principal).	0.5	\$ 550.00	\$ 275.00
Juan Gonzalez III	10/02/19	Discussion regarding draft status update / adjustments based on real-time developments with S. Stoddard (KPMG Director) and J. Gonzalez III (KPMG Principal).	0.5	\$ 625.00	\$ 312.50
Kimberly Johnson	10/02/19	Discussion regarding draft status update / adjustments based on real-time developments with S. Stoddard (KPMG Director), and J. Gonzalez III (KPMG Principal).	0.5	\$ 475.00	\$ 237.50
Scott Stoddard	10/02/19	Discussion regarding potential board recommendations and the information to collect between now and the due date for initial recommendations with K. Johnson (KPMG Senior Associate) and J. Gonzalez III (KPMG Principal).	0.3	\$ 550.00	\$ 165.00
Kimberly Johnson	10/02/19	Discussion regarding potential board recommendations and the information to collect between now and the due date for initial recommendations with S. Stoddard (KPMG Director) and J. Gonzalez III (KPMG Principal).	0.3	\$ 475.00	\$ 142.50
Juan Gonzalez III	10/02/19	Discussion regarding potential board recommendations and the information to collect between now and the due date for initial recommendations with S. Stoddard (KPMG Director) and K. Johnson (KPMG Senior Associate).	0.3	\$ 625.00	\$ 187.50
Kimberly Johnson	10/02/19	Discussion regarding team oversight with respect to SAP testing, contractor testing, P-card testing, and anticipated next steps with J. Gonzalez III (KPMG Principal).	0.5	\$ 475.00	\$ 237.50
Juan Gonzalez III	10/02/19	Discussion regarding team oversight with respect to SAP testing, contractor testing, P-card testing, and anticipated next steps with K. Johnson (KPMG Senior Associate).	0.5	\$ 625.00	\$ 312.50
Scott Stoddard	10/02/19	Discussion regarding use of PG&E personnel during the sample design process with Juan Gonzalez III (KPMG Principal), K. Johnson (KPMG Senior Associate) and R. Chriss (PG&E).	0.2	\$ 550.00	\$ 110.00
Kimberly Johnson	10/02/19	Discussion regarding use of PG&E personnel during the sample design process with Juan Gonzalez III (KPMG Principal), S. Stoddard (KPMG Director) and R. Chriss (PG&E).	0.2	\$ 475.00	\$ 95.00
Juan Gonzalez III	10/02/19	Discussion regarding use of PG&E personnel during the sample design process with K. Johnson (KPMG Senior Associate) S. Stoddard (KPMG Director), and R. Chriss (PG&E).	0.2	\$ 625.00	\$ 125.00
Kimberly Johnson	10/02/19	Documentation of data extraction for contract vendors from SAP, concurrently beginning of sampling techniques applied for contract vendor data.	2.3	\$ 475.00	\$ 1,092.50

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Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/02/19	Meeting regarding permitting project status, risks, required support, planning, and potential information for Board of Directors with K. Johnson (KPMG Senior Associate), J. Gonzalez III (KPMG Principal), C. Gleicher, R. Chriss, S. Morinishi, R. Rothman (PG&E).	0.7	\$ 550.00	\$ 385.00
Kimberly Johnson	10/02/19	Meeting regarding permitting project status, risks, required support, planning, and potential information for Board of Directors with S. Stoddard (KPMG Director), J. Gonzalez III (KPMG Principal), C. Gleicher, R. Chriss, S. Morinishi, R. Rothman (PG&E).	0.7	\$ 475.00	\$ 332.50
Juan Gonzalez III	10/02/19	Meeting regarding permitting project status, risks, required support, planning, and potential information for Board of Directors with S. Stoddard (KPMG Director), K. Johnson (KPMG Senior Associate), C. Gleicher, R. Chriss, S. Morinishi, R. Rothman (PG&E).	0.7	\$ 625.00	\$ 437.50
Juan Gonzalez III	10/02/19	Perform principal Quality review of information contained in draft status report, concurrently providing comments.	1.5	\$ 625.00	\$ 937.50
Rachael Graening	10/02/19	Phase - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 32 out my assigned 250 payments.	1.8	\$ 425.00	\$ 765.00
Rachael Graening	10/02/19	Phase - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 78 out my assigned 250 payments.	3.8	\$ 425.00	\$ 1,615.00
Jonathan Boldt	10/02/19	Phase 1 – Perform second level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by opening PDFs, concurrently confirming initial review or adjusting initial review records for 21 out 208 payments.	1.3	\$ 325.00	\$ 422.50
Stephen Greer	10/02/19	Phase 1 – Secondary QC Review permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently manually recording any fines / penalties associated with 18 payments.	1.4	\$ 475.00	\$ 665.00
Stephen Greer	10/02/19	Phase 1 – Secondary QC Review permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by reviewing PDFs, concurrently manually recording any fines / penalties associated with 34 payments.	2.6	\$ 475.00	\$ 1,235.00
Jonathan Boldt	10/02/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 15 out my assigned 113 payments.	1.9	\$ 325.00	\$ 617.50

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Name	Date	Description	Hours	Rate	Amount
Jonathan Boldt	10/02/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 18 out my assigned 40 payments.	2.4	\$ 325.00	\$ 780.00
Jonathan Boldt	10/02/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 22 out my assigned 40 payments.	2.7	\$ 325.00	\$ 877.50
Michelle Yeung	10/02/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 20 out of my 242 assigned payments.	1.9	\$ 325.00	\$ 617.50
Michelle Yeung	10/02/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 29 out of my 242 assigned payments.	2.8	\$ 325.00	\$ 910.00
Michelle Yeung	10/02/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 34 out of my 242 assigned payments.	3.3	\$ 325.00	\$ 1,072.50
Bellamy Yoo	10/02/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 15 out my assigned 298 payments.	2.0	\$ 325.00	\$ 650.00
Christopher Wong	10/02/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 34 out my assigned 256 payments.	3.0	\$ 325.00	\$ 975.00
Christopher Wong	10/02/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 46 out my assigned 256 payments.	3.9	\$ 325.00	\$ 1,267.50
Tabitha Gaustad	10/02/19	Prepare status meeting material for 10/01/19 status meeting (updating data tables for updated information related to progress of vendor review performed / recalculating summary reporting totals / percentages).	1.3	\$ 550.00	\$ 715.00
Tabitha Gaustad	10/02/19	Reviewed and discussed document review status metrics, and updated financial analysis with J. Gonzalez III (KPMG Principal) and S. Johnson (KPMG Senior Associate).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/02/19	Reviewed and discussed document review status metrics, and updated financial analysis with T. Gaustad (KPMG Director) and J. Gonzalez III (KPMG Principal).	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Juan Gonzalez III	10/02/19	Reviewed and discussed document review status metrics, and updated financial analysis with T. Gaustad (KPMG Director) and S. Johnson (KPMG Senior Associate).	0.5	\$ 625.00	\$ 312.50
Tabitha Gaustad	10/03/19	Analysis of p-card spend (.2) providing data transformation instructions to J. Strong (KPMG), as well as rules used to identify AHJ entities within data (.1)	0.3	\$ 550.00	\$ 165.00
Kimberly Johnson	10/03/19	Analyzing results / findings into comprehensive data points to relay to PG&E.	2.4	\$ 475.00	\$ 1,140.00
Jeffrey Strong	10/03/19	Data validation / transformation of 2018 procurement data, concurrently incorporating data into a SQL environment. (1.1) Run analyses on the procurement data to identify expenses paid to government vendors. (1.5)	2.6	\$ 475.00	\$ 1,235.00
Kimberly Johnson	10/03/19	Documentation of methods / procedures of PG&E contractor review series regarding process for sampling / review method.	0.8	\$ 475.00	\$ 380.00
Rachael Graening	10/03/19	Phase - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 65 out my assigned 250 payments.	3.3	\$ 425.00	\$ 1,402.50
Rachael Graening	10/03/19	Phase - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 75 out my assigned 250 payments.	3.7	\$ 425.00	\$ 1,572.50
Jonathan Boldt	10/03/19	Phase 1 – Perform second level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by opening PDFs, concurrently confirming initial review or adjusting initial review records for 59 out my assigned 208 payments.	3.7	\$ 325.00	\$ 1,202.50
Jonathan Boldt	10/03/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 16 out my assigned 113 payments.	2.1	\$ 325.00	\$ 682.50
Jonathan Boldt	10/03/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 21 out my assigned 113 payments.	2.7	\$ 325.00	\$ 877.50
Michelle Yeung	10/03/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 17 out of my 242 assigned payments.	2.3	\$ 325.00	\$ 747.50

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Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	10/03/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 28 out of my 242 assigned payments.	2.8	\$ 325.00	\$ 910.00
Michelle Yeung	10/03/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 40 out of my 242 assigned payments.	3.1	\$ 325.00	\$ 1,007.50
Bellamy Yoo	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 18 out my assigned 298 payments.	0.7	\$ 325.00	\$ 227.50
Christopher Wong	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 28 out my assigned 256 payments.	1.4	\$ 325.00	\$ 455.00
Bellamy Yoo	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 40 out my assigned 298 payments.	3.4	\$ 325.00	\$ 1,105.00
Christopher Wong	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 46 out my assigned 256 payments.	2.4	\$ 325.00	\$ 780.00
Christopher Wong	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 72 out my assigned 256 payments.	3.4	\$ 325.00	\$ 1,105.00
Bellamy Yoo	10/03/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in2018 by opening PDFs to manually record any fines / penalties associated with 40 out my assigned 298 payments.	3.4	\$ 325.00	\$ 1,105.00
Tabitha Gaustad	10/03/19	Prepare status meeting material by collecting, concurrently aggregating testing information / updating reporting tables / drafting next project activities / open items for 10/04 status meeting.	0.8	\$ 550.00	\$ 440.00
Kimberly Johnson	10/03/19	Reviewing both first level / second QC for consistency in applying principals / rules learned throughout the process.	3.8	\$ 475.00	\$ 1,805.00
Scott Stoddard	10/04/19	After discussions with K. Johnson and T. Gaustad (KPMG), review the status reports that would be presented to PG&E which included the engagement status, preliminary observations based on what the team was seeing and a compilation of tables used to support key metrics of what had been done to date.	1.3	\$ 550.00	\$ 715.00

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	10/04/19	Creating meeting material for 10/06 meeting by drafting slides / collating content to be shared / updating numerical metrics for consolidated reporting.	2.1	\$ 550.00	\$ 1,155.00
Tabitha Gaustad	10/04/19	Discussion with P. Tam (PG&E) regarding lack of vendor name in P-card data in more recent years.	0.2	\$ 550.00	\$ 110.00
Tabitha Gaustad	10/04/19	Discussion with P. Tam (PG&E) related to P-card data set previously provided and how it reconciles to data set provided by M. Mitchener (PG&E).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	10/04/19	Draft communications containing instructions for team related to analyses and reporting schedules that need to be prepared for Monday meeting with J. Kane (PG&E) material.	0.1	\$ 550.00	\$ 55.00
Jeffrey Strong	10/04/19	Finish running analyses on the procurement data to identify expenses paid to government vendors, concurrently preparing report for internal management team.	2.3	\$ 475.00	\$ 1,092.50
Scott Stoddard	10/04/19	Meeting to brief C. Gleicher (PG&E) on permitting project status and discuss project information that will be required for Monday's meeting with J. Kane (PG&E) with S. Johnson (KPMG Senior Associate), T. Gaustad (KPMG Director), C. Gleicher, R. Chriss, and M. Jones (PG&E).	0.4	\$ 550.00	\$ 220.00
Tabitha Gaustad	10/04/19	Meeting to brief C. Gleicher (PG&E) on permitting project status and discuss project information that will be required for Monday's meeting with J. Kane (PG&E) with S. Stoddard (KPMG Director), C. Gleicher, R. Chriss, and M. Jones (PG&E).	0.4	\$ 550.00	\$ 220.00
Kimberly Johnson	10/04/19	Meeting to brief C. Gleicher (PG&E) on permitting project status and discuss project information that will be required for Monday's meeting with J. Kane (PG&E) with T. Gaustad (KPMG Director), C. Gleicher, R. Chriss, and M. Jones (PG&E).	0.4	\$ 475.00	\$ 190.00
Scott Stoddard	10/04/19	Meeting to reach agreement on content that will be developed for C. Gleicher's meeting with J. Kane on Monday, assigning responsibility to action items and communication protocols over the weekend with S. Johnson and T. Gaustad (KPMG).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	10/04/19	Meeting to reach agreement on content that will be developed for C. Gleicher's meeting with J. Kane on Monday, assigning responsibility to action items and communication protocols over the weekend with S. Stoddard and S. Johnson (KPMG).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/04/19	Meeting to reach agreement on content that will be developed for C. Gleicher's meeting with J. Kane on Monday, assigning responsibility to action items and communication protocols over the weekend with S. Stoddard and T. Gaustad (KPMG).	0.5	\$ 475.00	\$ 237.50

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Name	Date	Description	Hours	Rate	Amount
Tabitha Gaustad	10/04/19	Meeting to review County of SF website for potential useful information to reconcile permitting fines / penalties, follow-up, and idea for engaging the cities with S. Stoddard (KPMG Director), K. Johnson (KPMG Senior Associate), and R. Chriss (PG&E).	0.2	\$ 550.00	\$ 110.00
Kimberly Johnson	10/04/19	Meeting to review County of SF website for potential useful information to reconcile permitting fines / penalties, follow-up, and idea for engaging the cities with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), and R. Chriss (PG&E).	0.2	\$ 475.00	\$ 95.00
Scott Stoddard	10/04/19	Meeting to review County of SF website for potential useful information to reconcile permitting fines / penalties, follow-up, and idea for engaging the cities with T. Gaustad (KPMG Director), K. Johnson (KPMG Senior Associate), and R. Chriss (PG&E).	0.2	\$ 550.00	\$ 110.00
Kimberly Johnson	10/04/19	Perform analysis / gathering support in preparation for status meeting with PG&E.	0.7	\$ 475.00	\$ 332.50
Jonathan Boldt	10/04/19	Phase 1 – Perform 2nd level quality check review of permit payments by PG&E in 2018 / a portion of 2019 to selected vendors within 3 jurisdictions by opening PDFs, concurrently confirming initial review or adjusting initial review records for 18 out my assigned 208 payments.	1.4	\$ 325.00	\$ 455.00
Jonathan Boldt	10/04/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 24 out my assigned 113 payments.	3.0	\$ 325.00	\$ 975.00
Jonathan Boldt	10/04/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 8 out my assigned 113 payments.	1.1	\$ 325.00	\$ 357.50
Michelle Yeung	10/04/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 29 out of my 242 assigned payments.	2.5	\$ 325.00	\$ 812.50
Michelle Yeung	10/04/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 45 out of my 242 assigned payments.	3.7	\$ 325.00	\$ 1,202.50
Bellamy Yoo	10/04/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 20 out my assigned 298 payments.	1.6	\$ 325.00	\$ 520.00

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Bellamy Yoo	10/04/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 40 out my assigned 298 payments	3.4	\$ 325.00	\$ 1,105.00
Christopher Wong	10/04/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs to manually record any fines / penalties associated with 30 out my assigned 256 payments.	0.5	\$ 325.00	\$ 162.50
Tabitha Gaustad	10/04/19	Prepare detailed considerations associated with how to expand permitting spend analysis to other AHJs / time periods by identifying dependencies / level of effort / required inputs.	2.5	\$ 550.00	\$ 1,375.00
Scott Stoddard	10/04/19	Project update and preparation for client status meeting with S. Johnson (KPMG Senior Associate) and T. Gaustad (KPMG Director).	0.5	\$ 550.00	\$ 275.00
Tabitha Gaustad	10/04/19	Project update and preparation for client status meeting with S. Stoddard (KPMG Director) and S. Johnson (KPMG Senior Associate).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/04/19	Project update and preparation for client status meeting with S. Stoddard (KPMG Director) and T. Gaustad (KPMG Director).	0.5	\$ 475.00	\$ 237.50
Tabitha Gaustad	10/04/19	Status update on weekly progress and future outlook with C. Gilge (KPMG Principal), S. Stoddard (KPMG Director), K. Johnson (KPMG Senior Associate), R. Chriss, and M. Jones (PG&E).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/04/19	Status update on weekly progress and future outlook with C. Gilge (KPMG Principal), S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), R. Chriss, and M. Jones (PG&E).	0.5	\$ 475.00	\$ 237.50
Scott Stoddard	10/04/19	Status update on weekly progress and future outlook with C. Gilge (KPMG Principal), T. Gaustad (KPMG Director), K. Johnson (KPMG Senior Associate), R. Chriss, and M. Jones (PG&E).	0.5	\$ 550.00	\$ 275.00
Clay Gilge	10/04/19	Status update on weekly progress and future outlook with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), K. Johnson (KPMG Senior Associate), R. Chriss, and M. Jones (PG&E).	0.5	\$ 625.00	\$ 312.50
Jeffrey Strong	10/07/19	Combine P-Card data with employee data in order to provide extraction of dataset to the KPMG engagement team for analysis	0.7	\$ 475.00	\$ 332.50
Scott Stoddard	10/07/19	Develop approach / framework for Phase 2 draft deliverable.	1.1	\$ 550.00	\$ 605.00
Tabitha Gaustad	10/07/19	Development of rules to identify authorities having jurisdiction within 2018 procurement card transactional data.	2.2	\$ 550.00	\$ 1,210.00
Kimberly Johnson	10/07/19	Documentation of SAP pull / transfer methods. (.6) Documentation of normalization of vendor file. (.9) Documentation of initial methodology including criteria / determination into either the inclusion / elimination of 60000 of 130000 vendors. (1.1)	2.6	\$ 475.00	\$ 1,235.00

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Scott Stoddard	10/07/19	Meeting to align on methodology for next steps, as of 10/07/19, with S. Stoddard (Director, KPMG) and Juan Gonzalez III (Principal, KPMG)	0.6	\$ 550.00	\$ 330.00
Juan Gonzalez III	10/07/19	Meeting to align on methodology for next steps, as of 10/07/19, with S. Stoddard (Director, KPMG) and Juan Gonzalez III (Principal, KPMG)	0.6	\$ 625.00	\$ 375.00
Tabitha Gaustad	10/07/19	Meeting to discuss statement of work and related aspects for the next phase to be discussed at client meeting on Monday and Wednesday with S. Stoddard (KPMG Director), K. Johnson, (KPMG Senior Associate), and J. Gonzalez III (Principal, KPMG).	0.5	\$ 550.00	\$ 275.00
Kimberly Johnson	10/07/19	Meeting to discuss statement of work and related aspects for the next phase to be discussed at client meeting on Monday and Wednesday with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), and J. Gonzalez III (Principal, KPMG).	0.5	\$ 475.00	\$ 237.50
Juan Gonzalez III	10/07/19	Meeting to discuss statement of work and related aspects for the next phase to be discussed at client meeting on Monday and Wednesday with S. Stoddard (KPMG Director), T. Gaustad (KPMG Director), and K. Johnson (KPMG Senior Associate).	0.5	\$ 625.00	\$ 312.50
Scott Stoddard	10/07/19	Meeting to discuss statement of work and related aspects for the next phase to be discussed at client meeting on Monday and Wednesday with T. Gaustad (KPMG Director), K. Johnson (KPMG Senior Associate), and J. Gonzalez III (Principal, KPMG).	0.5	\$ 550.00	\$ 275.00
Scott Stoddard	10/07/19	Meeting with R. Chriss (PG&E) to discuss leadership meeting regarding permitting spend analysis. Items discussed included, action items for next steps (Phase 2), leadership feedback, CPUC notification and CAP status.	0.7	\$ 550.00	\$ 385.00
Kimberly Johnson	10/07/19	Performed procedures concurrently with documentation of inclusion and exclusion methodology.	3.9	\$ 475.00	\$ 1,852.50
Jonathan Boldt	10/07/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 29 out my assigned 113 payments.	3.6	\$ 325.00	\$ 1,170.00
Juan Gonzalez III	10/07/19	Principal review of draft work product, concurrently providing comments.	1.5	\$ 625.00	\$ 937.50
Tabitha Gaustad	10/07/19	Review / align on methodology for next steps (.4) and communication with S. Stoddard (KPMG Director) and J. Gonzalez III (Principal, KPMG) regarding same (.2).	0.6	\$ 550.00	\$ 330.00
Scott Stoddard	10/07/19	Review miscellaneous contractor invoices for determination of Fines / Penalties vs Cancellation fees.	1.7	\$ 550.00	\$ 935.00

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Jonathan Boldt	10/07/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdiction for 600 vendors out of my assigned 2078 vendors.	2.5	\$ 325.00	\$ 812.50
Christopher Wong	10/07/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 198 vendors out of my assigned 2749 vendors.	1.6	\$ 325.00	\$ 520.00
Michelle Yeung	10/07/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 210 vendors out of my assigned 2750 vendors.	1.3	\$ 325.00	\$ 422.50
Michelle Yeung	10/07/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 491 vendors out of my assigned 2750 vendors.	2.9	\$ 325.00	\$ 942.50
Rachael Graening	10/07/19	Review PG&E Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors that have the ability to issue permits to PG&E for 50 out of my assigned 1,654 vendors.	0.3	\$ 425.00	\$ 127.50
Kimberly Johnson	10/07/19	Reviewed 190 vendors from the 2018 vendor active file to determine which vendors are in scope for the phase 2 review.	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	10/08/19	Analyze extract of 13 vendors(.7) and QC of 20 related transactions identified as fines / penalties (3.0)	3.7	\$ 475.00	\$ 1,757.50
Juan Gonzalez III	10/08/19	Development of testing analysis scope for Phase 2 Permitting project with T. Gaustad (Director, KPMG).	2.0	\$ 625.00	\$ 1,250.00
Tabitha Gaustad	10/08/19	Drafting document outlining potential next testing activities for discussion with C. Gleicher and R. Chriss (PG&E).	1.0	\$ 550.00	\$ 550.00
Scott Stoddard	10/08/19	Meeting in Bishop Ranch to discuss permitting process improvement, status of spend analysis transition to operations, respond to questions related to additional scope of work that may be needed with R. Chris, J. Kristin, M. Jones, R. Rothman, K. Montgomery and M. Wakefield (PG&E).	2.3	\$ 550.00	\$ 1,265.00
Jonathan Boldt	10/08/19	Perform second level quality check of review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 201 vendors out of my assigned 839 vendors.	1.5	\$ 325.00	\$ 487.50
Tabitha Gaustad	10/08/19	Review of authorities having jurisdiction flagged within active vendor list from KPMG team.	0.5	\$ 550.00	\$ 275.00
Bellamy Yoo	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions - 100 vendors out of my assigned 192 vendors.	3.4	\$ 325.00	\$ 1,105.00
Christopher Wong	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,075 vendors out of my assigned 2749 vendors.	3.2	\$ 325.00	\$ 1,040.00

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Name	Date	Description	Hours	Rate	Amount
Christopher Wong	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 450 vendors out of my assigned 2749 vendors.	1.3	\$ 325.00	\$ 422.50
Jonathan Boldt	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 591 vendors out of my assigned 2078 vendors.	2.1	\$ 325.00	\$ 682.50
Jonathan Boldt	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 887 vendors out of my assigned 2078 vendors.	3.0	\$ 325.00	\$ 975.00
Christopher Wong	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 976 vendors out of my assigned 2749 vendors.	2.9	\$ 325.00	\$ 942.50
Michelle Yeung	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,291 vendors out of my assigned 2750 vendors.	3.6	\$ 325.00	\$ 1,170.00
Stephen Greer	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 450 vendors out of my assigned 450 vendors.	2.0	\$ 475.00	\$ 950.00
Michelle Yeung	10/08/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 758 vendors out of my assigned 2750 vendors.	2.1	\$ 325.00	\$ 682.50
Rachael Graening	10/08/19	Review PG&E Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors that have the ability to issue permits to PG&E for 376 out of my assigned 1,654 vendors reviewed.	1.5	\$ 425.00	\$ 637.50
Rachael Graening	10/08/19	Review PG&E Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors that have the ability to issue permits to PG&E for 499 out of my assigned 1,654 vendors reviewed.	2.8	\$ 425.00	\$ 1,190.00
Clay Gilge	10/08/19	Review, concurrently providing comment on the PG&E Spend Analysis Document for the discussion with R. Chriss, C. Gleicher (PG&E) on Wednesday, October 9th at 10 a.m.	1.0	\$ 625.00	\$ 625.00
Kimberly Johnson	10/08/19	Reviewed 360 vendors from the 2018 vendor active file to determine which vendors are in scope for the phase 2 review.	1.9	\$ 475.00	\$ 902.50
Kimberly Johnson	10/08/19	Reviewed 450 vendors from the 2018 vendor active file to determine which vendors are in scope for the phase 2 review.	2.4	\$ 475.00	\$ 1,140.00
Michelle Yeung	10/08/19	Secondary review of PG&E's Active vendor list verify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,212 vendors out of 13,071 total vendors.	2.8	\$ 325.00	\$ 910.00

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Name	Date	Description	Hours	Rate	Amount
Rachael Graening	10/09/19	2nd level quality check (QC) review of PG&E Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors, concurrently confirming initial review or adjusting initial review for 484 out of my assigned 484 vendors.	1.9	\$ 425.00	\$ 807.50
Juan Gonzalez III	10/09/19	Continue, as of 10/09/19, Principal review of draft work product, concurrently noting review comments.	1.0	\$ 625.00	\$ 625.00
Scott Stoddard	10/09/19	Continue, as of 10/09/19, to review miscellaneous contractor invoices for determination of Fines / Penalties vs Cancellation fees.	1.0	\$ 550.00	\$ 550.00
Scott Stoddard	10/09/19	Discussion regarding Permitting Phase 1 Close Out/ Recommendation and Phase 2 and 3 Approach with R. Chriss, C. Gleicher (PG&E), and J. Gonzalez III (KPMG Principal)	1.0	\$ 550.00	\$ 550.00
Juan Gonzalez III	10/09/19	Discussion regarding Permitting Phase 1 Close Out/ Recommendation and Phase 2 and 3 Approach with R. Chriss, C. Gleicher (PG&E), and S. Stoddard (KPMG Director).	1.0	\$ 625.00	\$ 625.00
Christopher Wong	10/09/19	Document Logging - Incorporate documents received, as of 10/09/19, from PG&E into an Excel tracker. (Files are typically PDFs / spreadsheets / are typically received either through email or encrypted USB)	0.4	\$ 325.00	\$ 130.00
Kimberly Johnson	10/09/19	Draft outline of reporting for project 1 phase including scoping / permitted payment review.	2.0	\$ 475.00	\$ 950.00
Kimberly Johnson	10/09/19	Extracting, concurrently sampling remaining contractor data for 8 vendors for 21,000 line items.	3.2	\$ 475.00	\$ 1,520.00
Jonathan Boldt	10/09/19	Perform second level quality check of review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 588 vendors out of my assigned 839 vendors.	2.8	\$ 325.00	\$ 910.00
Jonathan Boldt	10/09/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by reviewing PDFs to manually record any fines / penalties associated with 3 out my assigned 6 payments.	2.9	\$ 325.00	\$ 942.50
Michelle Yeung	10/09/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 35 out my assigned 156 payments.	3.0	\$ 325.00	\$ 975.00
Michelle Yeung	10/09/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 47 out my assigned 156 payments.	3.9	\$ 325.00	\$ 1,267.50
Rachael Graening	10/09/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 43 out of my assigned 108 payments.	1.3	\$ 425.00	\$ 552.50

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Name	Date	Description	Hours	Rate	Amount
Christopher Wong	10/09/19	Phase 2 -Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by opening PDFs to manually recording any fines / penalties associated with 63 out my assigned 141 payments.	3.6	\$ 325.00	\$ 1,170.00
Bellamy Yoo	10/09/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions - 92 vendors out of my assigned 192 vendors.	2.3	\$ 325.00	\$ 747.50
Christopher Wong	10/09/19	Review of PG&E's Active vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 50 vendors out of my assigned 2749 vendors..	0.5	\$ 325.00	\$ 162.50
Rachael Graening	10/09/19	Review PG&E Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors that have the ability to issue permits to PG&E for 529 out of my assigned 1,654 vendors.	2.2	\$ 425.00	\$ 935.00
Scott Stoddard	10/09/19	Review, concurrently updating presentation material in preparation for meeting with R. Chriss (PG&E).	2.5	\$ 550.00	\$ 1,375.00
Kimberly Johnson	10/09/19	Sampling, concurrently extracting contractor data for 1 vendor for 460 line items.	0.8	\$ 475.00	\$ 380.00
Michelle Yeung	10/09/19	Secondary review of PG&E's Active vendor list verify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 201 vendors out of 13,071 total vendors.	1.2	\$ 325.00	\$ 390.00
Stephen Greer	10/10/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,923 vendors out of my assigned 8014 vendors.	3.0	\$ 475.00	\$ 1,425.00
Stephen Greer	10/10/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 641 vendors out of my assigned 8014 vendors.	1.0	\$ 475.00	\$ 475.00
Kimberly Johnson	10/10/19	2nd QC of Inactive Vendor list of 130,000 vendors for selection for Phase of the review.	1.3	\$ 475.00	\$ 617.50
Kimberly Johnson	10/10/19	Analysis of final results for 1700 transactions; including stratification, weighted average, grouping by fine type, building appropriate report graphs, and review of 36 transactions invoice documentation to confirm proper categorization of type.	3.7	\$ 475.00	\$ 1,757.50
Kimberly Johnson	10/10/19	Analysis of final results for 700 transactions; including stratification, weighted average, grouping by fine type, building appropriate report graphs, and review of 14 transactions invoice documentation to confirm proper categorization of type.	1.6	\$ 475.00	\$ 760.00
Tabitha Gaustad	10/10/19	Analysis of inactive vendor master (100K+ records) to identify authorities having jurisdiction.	1.5	\$ 550.00	\$ 825.00
Kimberly Johnson	10/10/19	Review, concurrently assigning / incorporating last contract vendor for contract vendor review.	0.7	\$ 475.00	\$ 332.50

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Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/10/19	Meeting with R. Chris (PG&E) to provide feedback on status of Phase 1 progress. (.7) Provided direction to KPMG team based on feedback from R. Chris (PG&E). (.8)	1.5	\$ 550.00	\$ 825.00
Jonathan Boldt	10/10/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by opening PDFs to manually record any fines / penalties associated with 3 out my assigned 6 payments.	2.2	\$ 325.00	\$ 715.00
Michelle Yeung	10/10/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 30 out my assigned 156 payments.	2.1	\$ 325.00	\$ 682.50
Michelle Yeung	10/10/19	Phase 2 - Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 44 out my assigned 156 payments.	3.2	\$ 325.00	\$ 1,040.00
Rachael Graening	10/10/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2019 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 46 out of my assigned 108 payments.	1.4	\$ 425.00	\$ 595.00
Christopher Wong	10/10/19	Phase 2 -Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by opening PDFs to manually record any fines / penalties associated with 34 out my assigned 141 payments.	2.2	\$ 325.00	\$ 715.00
Christopher Wong	10/10/19	Phase 2 -Review payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by opening PDFs to manually record any fines / penalties associated with 44 out my assigned 141 payments.	2.8	\$ 325.00	\$ 910.00
Juan Gonzalez III	10/10/19	Principal review of proposed testing for additional AHJs.	1.0	\$ 625.00	\$ 625.00
Christopher Wong	10/10/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 62 vendors out of my assigned 12213 vendors.	1.4	\$ 325.00	\$ 455.00
Jonathan Boldt	10/10/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 715 vendors out of my assigned 8007 vendors.	2.2	\$ 325.00	\$ 715.00
Michelle Yeung	10/10/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 2,053 vendors out of my assigned 11,096 vendors.	3.4	\$ 325.00	\$ 1,105.00
Christopher Wong	10/11/19	Document Logging - Incorporate documents received, as of 10/11/19, from PG&E into an Excel tracker. (Files are typically PDFs / spreadsheets / are typically received either through email or encrypted USB)	0.1	\$ 325.00	\$ 32.50

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Name	Date	Description	Hours	Rate	Amount
Jonathan Boldt	10/11/19	Phase 2 - Perform second level quality check review of payments by PG&E to selected contractors from Santa Cruz / Marin in 2018 by opening PDFs, concurrently confirming initial review or adjusting initial review records for 96 out my assigned 96 payments.	3.2	\$ 325.00	\$ 1,040.00
Rachael Graening	10/11/19	Phase 2 - Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs, concurrently manually recording any fines / penalties associated with 20 out of my assigned 108 payments. (0.7) Review PG&E Inactive Vendor list for vendors to include in review by evaluating / researching potential city / state / federal vendors that have the ability to issue permits to PG&E for 536 out of my assigned 5,623 vendors reviewed. (0.6)	1.3	\$ 425.00	\$ 552.50
Kimberly Johnson	10/11/19	QC Contract Vendor Review for all 34 identified fines / penalties.	1.2	\$ 475.00	\$ 570.00
Christopher Wong	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,878 vendors out of my assigned 12213 vendors.	2.2	\$ 325.00	\$ 715.00
Kimberly Johnson	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 2,579 vendors out of my assigned 7215 vendors.	2.3	\$ 475.00	\$ 1,092.50
Christopher Wong	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 2,939 vendors out of my assigned 12213 vendors.	3.4	\$ 325.00	\$ 1,105.00
Kimberly Johnson	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 3,420 vendors out of my assigned 7215 vendors.	3.0	\$ 475.00	\$ 1,425.00
Jonathan Boldt	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 791 vendors out of my assigned 8007 vendors.	1.8	\$ 325.00	\$ 585.00
Michelle Yeung	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,909 vendors out of my assigned 11,096 vendors.	3.7	\$ 325.00	\$ 1,202.50
Stephen Greer	10/11/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions. Reviewed 2249 vendors out of my assigned 8014 vendors.	3.6	\$ 475.00	\$ 1,710.00
Scott Stoddard	10/11/19	Update C. Pezzola (PG&E IA) regarding Permitting Spend Analysis work.	0.5	\$ 550.00	\$ 275.00
Stephen Greer	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions. Reviewed 320 vendors out of my assigned 8014 vendors.	1.9	\$ 475.00	\$ 902.50
Kimberly Johnson	10/14/19	Continue, from earlier in the day on 10/14/19, to create the final report deliverable for PG&E to distribute at meeting.	3.6	\$ 475.00	\$ 1,710.00

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Name	Date	Description	Hours	Rate	Amount
Kimberly Johnson	10/14/19	Create final report deliverable for PG&E to distribute at meeting.	1.3	\$ 475.00	\$ 617.50
Bellamy Yoo	10/14/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 1,176 out my assigned 11,098 payments.	3.4	\$ 325.00	\$ 1,105.00
Bellamy Yoo	10/14/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 924 out my assigned 11,098 payments.	2.7	\$ 325.00	\$ 877.50
Christopher Wong	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,685 of my assigned 12,213 vendors.	1.8	\$ 325.00	\$ 585.00
Kimberly Johnson	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1216 vendors out of my assigned 7215 vendors.	3.1	\$ 475.00	\$ 1,472.50
Christopher Wong	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 2,526 of my assigned 12,213 vendors.	2.8	\$ 325.00	\$ 910.00
Jonathan Boldt	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 791 vendors out of my assigned 8007 vendors.	1.6	\$ 325.00	\$ 520.00
Michelle Yeung	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,185 vendors out of my assigned 16,1009 vendors.	3.7	\$ 325.00	\$ 1,202.50
Michelle Yeung	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 428 vendors out of my assigned 16,1009 vendors.	1.3	\$ 325.00	\$ 422.50
Rachael Graening	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 855 vendors out of my assigned 5,623 vendors.	1.5	\$ 425.00	\$ 637.50
Michelle Yeung	10/14/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 907 vendors out of my assigned 16,1009 vendors.	2.8	\$ 325.00	\$ 910.00
Tabitha Gaustad	10/14/19	Touch base communication with KPMG team regarding vendor master review progress.	0.3	\$ 550.00	\$ 165.00
Kimberly Johnson	10/15/19	Continue, from earlier in the day on 10/14/19, to update the deliverable to address team comments / additions including restructuring as well as further revisions.	2.6	\$ 475.00	\$ 1,235.00
Kimberly Johnson	10/15/19	Continue, from earlier in the day on 10/15/19, to create analysis to incorporate into the final report for slides pertaining to processes completed.	3.3	\$ 475.00	\$ 1,567.50
Kimberly Johnson	10/15/19	Prepare analysis to incorporate into the final report for slides pertaining to processes completed.	1.7	\$ 475.00	\$ 807.50

EXHIBIT C15

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Permitting Spend Analysis Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Scott Stoddard	10/15/19	Meeting with R. Chriss (PG&E) to provide status to him regarding the draft report, next steps for setting up leadership meeting, PII issue, and review of the initial draft report	2.6	\$ 550.00	\$ 1,430.00
Juan Gonzalez III	10/15/19	Principal review, concurrently updating draft report.	2.0	\$ 625.00	\$ 1,250.00
Tabitha Gaustad	10/15/19	Report language drafting / revisions related to Phase 1 Encroachment Permitting assessment.	1.8	\$ 550.00	\$ 990.00
Christopher Wong	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,974 of my assigned 12,213 vendors.	3.6	\$ 325.00	\$ 1,170.00
Christopher Wong	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 589 of my assigned 12,213 vendors.	1.1	\$ 325.00	\$ 357.50
Michelle Yeung	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,045 vendors out of my assigned 16,109 vendors.	3.2	\$ 325.00	\$ 1,040.00
Michelle Yeung	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,199 vendors out of my assigned 16,109 vendors.	3.7	\$ 325.00	\$ 1,202.50
Rachael Graening	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 322 vendors out of my assigned 5,623 vendors.	0.5	\$ 425.00	\$ 212.50
Michelle Yeung	10/15/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 830 vendors out of my assigned 16,109 vendors.	2.6	\$ 325.00	\$ 845.00
Tabitha Gaustad	10/15/19	Review, concurrently designing report table / charts.	1.4	\$ 550.00	\$ 770.00
Kimberly Johnson	10/15/19	Update, as of 10/14/19, the deliverable for team comments / additions including restructuring as well as further revisions.	1.7	\$ 475.00	\$ 807.50
Scott Stoddard	10/16/19	Director review, concurrently providing comments on Phase 1 draft report.	1.7	\$ 550.00	\$ 935.00
Tabitha Gaustad	10/16/19	PII (personally identifiable information) remediation.	1.0	\$ 550.00	\$ 550.00
Michelle Yeung	10/16/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,014 vendors out of my assigned 16,109 vendors.	3.1	\$ 325.00	\$ 1,007.50
Michelle Yeung	10/16/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,185 vendors out of my assigned 16,109 vendors.	3.7	\$ 325.00	\$ 1,202.50
Michelle Yeung	10/16/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 619 vendors out of my assigned 16,109 vendors.	1.9	\$ 325.00	\$ 617.50

EXHIBIT C15

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Permitting Spend Analysis Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Stephen Greer	10/17/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 500 vendors out of my assigned 8014 vendors.	2.0	\$ 475.00	\$ 950.00
Bellamy Yoo	10/17/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs to manually record any fines / penalties associated with 1,794 out my assigned 11,098 payments.	3.4	\$ 325.00	\$ 1,105.00
Bellamy Yoo	10/17/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by reviewing PDFs to manually record any fines / penalties associated with 2,106 out my assigned 11,098 payments.	3.8	\$ 325.00	\$ 1,235.00
Christopher Wong	10/17/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1,498 of additional vendors.	1.0	\$ 325.00	\$ 325.00
Michelle Yeung	10/17/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,013 vendors out of my assigned 16,109 vendors.	3.1	\$ 325.00	\$ 1,007.50
Michelle Yeung	10/17/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 1,190 vendors out of my assigned 16,109 vendors.	3.7	\$ 325.00	\$ 1,202.50
Scott Stoddard	10/17/19	Review the status reports that would be presented to PG&E which included the engagement status, preliminary observations based on what the team was seeing and a compilation of tables used to support key metrics of what had been done to date.	1.0	\$ 550.00	\$ 550.00
Clay Gilge	10/17/19	Updates, as of 10/17/19, the encroachment permit spend analysis draft deliverable for work performed to date for Phase 1 (2.4) and distributed to R. Chriss and C. Gleicher (PG&E) (.1).	2.5	\$ 625.00	\$ 1,562.50
Bellamy Yoo	10/18/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 2,345 out my assigned 11098 payments.	3.2	\$ 325.00	\$ 1,040.00
Bellamy Yoo	10/18/19	Phase 2 -Review payments by PG&E to selected contractors within 3 jurisdictions in 2018 by opening PDFs to manually record any fines / penalties associated with 2,753 out my assigned 11098 payments.	3.8	\$ 325.00	\$ 1,235.00
Kimberly Johnson	10/18/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions for 1500 vendors out of my assigned 1500 vendors.	3.0	\$ 475.00	\$ 1,425.00
Michelle Yeung	10/18/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 689 vendors out of my assigned 16,109 vendors.	2.1	\$ 325.00	\$ 682.50

EXHIBIT C15

PG&E Corporation and PG&E Company, et.al.

Case No. 19-30088

Permitting Spend Analysis Services

October 1, 2019 through October 31, 2019

Name	Date	Description	Hours	Rate	Amount
Michelle Yeung	10/18/19	Review of PG&E's Inactive vendor list to identify vendors that could issue permits with respect to PG&E jurisdictions, concurrently noting for 843 vendors out of my assigned 16,109 vendors.	2.7	\$ 325.00	\$ 877.50
Scott Stoddard	10/21/19	Director review, as of 10/21, of revisions to report requested by PG&E, concurrently providing additional comments.	1.7	\$ 550.00	\$ 935.00
Tabitha Gaustad	10/21/19	Meeting with T. Gaustad (KPMG), C. Gleicher and R. Chriss (PG&E) to wrap up Phase 1.	0.8	\$ 550.00	\$ 440.00
Scott Stoddard	10/21/19	Meeting with T. Gaustad (KPMG), C. Gleicher and R. Chriss (PG&E) to wrap up Phase 1.	0.8	\$ 550.00	\$ 440.00
Kimberly Johnson	10/21/19	Moving categorizations, concurrently eliminating the report findings to include fines / penalties that are not encroachment related.	1.3	\$ 475.00	\$ 617.50
Scott Stoddard	10/21/19	Prepare for Phase 1 draft report meeting by reviewing / preparing budget reconciliation for discussion with PG&E with R. Chriss and C. Gleicher (PG&E).	1.5	\$ 550.00	\$ 825.00
Kimberly Johnson	10/21/19	Re-defining categories, concurrently compiling examples of the other category as a supplement to the final deliverable.	2.3	\$ 475.00	\$ 1,092.50
Clay Gilge	10/21/19	Updates, as of 10/21/19, of final Phase 1 Encroachment Deliverable (.9) and sent to R. Chriss and C. Gleicher (PG&E) (.1).	1.0	\$ 625.00	\$ 625.00
Kimberly Johnson	10/21/19	Updating stratification to reflect the movement of transactions between categories.	1.1	\$ 475.00	\$ 522.50
Tabitha Gaustad	10/22/19	Analysis of 2018 P-card data to identify reference IDs for Concur's fee estimate.	1.0	\$ 550.00	\$ 550.00
Kimberly Johnson	10/22/19	Consolidate master version of vendor file as of 10/22, concurrently reviewing teams results.	0.6	\$ 475.00	\$ 285.00
Scott Stoddard	10/25/19	Discussion with R. Chriss (PG&E) to review status of PG&E internal meetings that occurred on 10/24 and collect suggested revisions / comments on Phase 1 report.	1.0	\$ 550.00	\$ 550.00
Scott Stoddard	10/29/19	Meeting with R. Chriss (PG&E) to review comments from leadership team regarding draft Phase 1 report. (1.1) Prepared questions to the team for preparation of responses. (.4)	1.5	\$ 550.00	\$ 825.00
Kimberly Johnson	10/30/19	Prepare slides for client related to other penalties / expenses seen during the testing of 39 vendor population.	2.6	\$ 475.00	\$ 1,235.00
Tabitha Gaustad	10/30/19	Review additional schedules prepared at PG&E's request regarding other fines / penalties noted in phase 1 analysis.	1.2	\$ 550.00	\$ 660.00
Scott Stoddard	10/30/19	Reviewed follow up questions to prepare response to PG&E's leadership in response to Phase 1 report.	1.0	\$ 550.00	\$ 550.00
Kimberly Johnson	10/31/19	Gather supporting documentation for other fines / penalties identified.	0.4	\$ 475.00	\$ 190.00
Kimberly Johnson	10/31/19	Unify results of the 106k Inactive Vendor Listing for client confirmation.	1.1	\$ 475.00	\$ 522.50
Total Permitting Spend Analysis Services			494.0		\$ 202,320.00